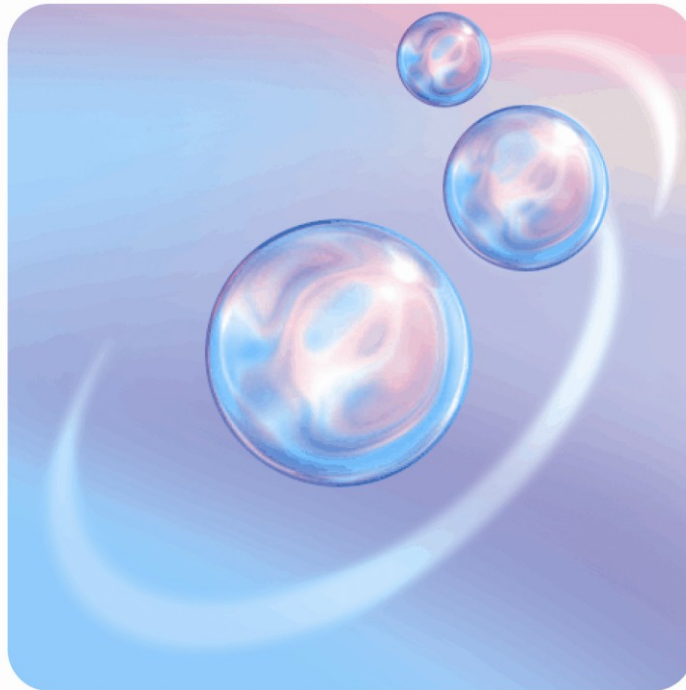


**Customer Technical Update**  
**Pilkington Activ™**  
**The world's first self-cleaning glass**

**March 2012**



**Pilkington Activ™**



**self-cleaning glass**



**PILKINGTON**  
NSG Group Flat Glass Business



## Products Compatible with Pilkington Activ™

**March 2012**

Pilkington Activ™ is a catalytic coating applied to a number of glass substrates. It is important with all coatings that materials that form parts of the glazing system or that come into contact with the glass are compatible. The catalytic nature of Pilkington Activ™ means that it should not be used with materials that alter or mask the performance of the product and in particular silicone containing products should not be used. This document has been created to list and help identify the large range of tested compatible products that can be used with Pilkington Activ™.

If you have any further questions, please contact your Pilkington Sales Manager.  
Additional advice can be found in the "Handling and Processing Guidelines for Window Manufacturers".  
Further information is also available from our websites [www.pilkington.com](http://www.pilkington.com) and [www.activglass.com](http://www.activglass.com)

The suppliers that are listed in this document submitted products for testing.  
The samples submitted were tested for compatibility with Pilkington Activ™ and the results were positive.  
There may be other equivalent products that are also compatible, but which have not been tested.  
For any product, guidance should be sought from the supplier regarding its suitability as a glazing material, or its compatibility with other glazing materials.  
The glazing method should also take into account the recommendations given in relevant national standards, regulations, codes of practice and recommendations of the manufacturer or supplier of the glazing material.

Pilkington Activ™ has been tested to EN1096-2 which tests the durability of the coating. There is not currently an EN standard to cover self-cleaning performance.

**The products are all listed with the dates that they were tested. Please check with the supplier that they have not changed their raw materials or manufacturing process in any way that would affect their product's compatibility.** Pilkington supply this information as a service to their customers but accept no responsibility for any loss or damage incurred as a result of using this information.

# Contents

## **1 Dry Glazing System Materials - Residential and Commercial Applications**

- 1.1 Co-Extruded Gaskets
- 1.2 Coated / Lubricated Gaskets
- 1.3 Dry EPDM Gaskets
- 1.4 Dry TPE Gaskets
- 1.5 Other Dry Gaskets
- 1.6 Glazing Tape / Material Systems

## **2 Wet Glazing System Materials - Residential and Commercial Applications**

- 2.1 Wet Glazing Sealants – SCG TEC
- 2.2 Wet Glazing Sealants – MS Technology
- 2.3 Tapes and Adhesives
- 2.4 Caulking Materials

## **3 Commercial Glazing Systems**

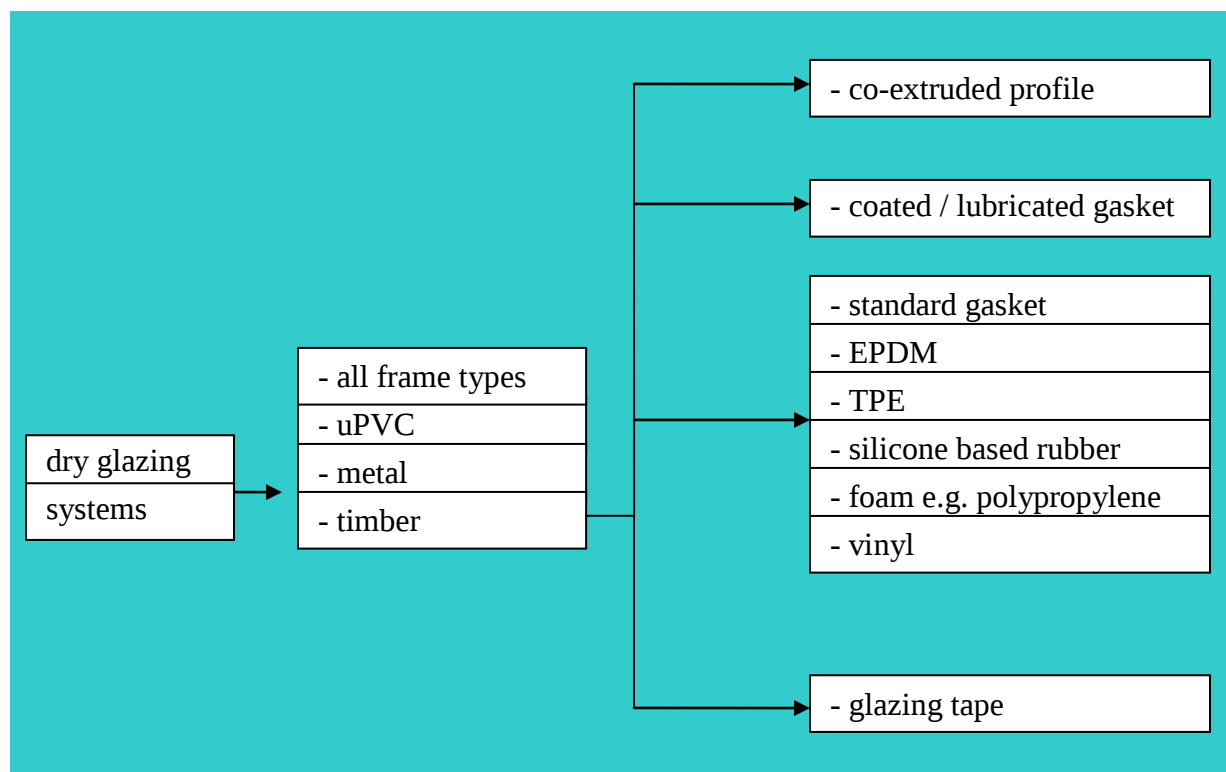
## **4 Miscellaneous**

- 4.1 Protective Films
- 4.2 Leading / Bevels
- 4.3 Specialist Processing
- 4.4 List of Approved Cleaning Agents

## **5 Available Products With Pilkington Activ™**

- 5.1 Pilkington Activ™ Products
- 5.2 Possible Combinations

# 1. Dry Glazing System Materials - Residential and Commercial Applications



**When glazing Pilkington Activ™, the strongly preferred option is to use a co-extruded gasket or a dry rubber gasket.**

Only if the use of a dry gasket or co-extruded system is not possible should a rubber gasket lubricated with glycerol or alternative silicone free / siloxane free lubricant be used.

If all of the above options are unavailable then Pilkington Activ™ may be glazed with a recommended silicone emulsion lubricant on a thermoplastic (TPE) rubber gasket. If this option is utilized care should be taken and the following points have to be taken into consideration.

1. All of the lubricated gaskets have been tested for compatibility with Pilkington Activ™ in the vertical orientation. Some of the gaskets that are lubricated with a siloxane emulsion have occasionally shown very low levels of leaching (<2cm) around the perimeter of the glass.
2. Lubricants added to gaskets should only be applied by the manufacturer. Under no circumstances should additional lubricant be added to the gasket. Addition of extra lubricant is likely to result in uncured material on the surface and significantly increases the chances of leaching
3. Due to the longer residence time of water on the gasket, there is the potential for an increased level of leaching if these same gaskets used in sloped glazing. Please check with your supplier to ensure gaskets lubricated with siloxane emulsion are not used in sloped installations.

**UNDER NO CIRCUMSTANCES SHOULD A SILICONE OIL LUBRICATED GASKET BE GLAZED AGAINST PILKINGTON ACTIV™.**

## 1.1 Co-extruded Gaskets

| Supplier         | Product Name                                      | Date Tested | Website                                                      | Telephone                 |
|------------------|---------------------------------------------------|-------------|--------------------------------------------------------------|---------------------------|
| Duraflex         | Duraflex co-extruded gasket                       | 01.12.2002  | <a href="http://www.duraflex.co.uk">www.duraflex.co.uk</a>   | UK 01452 726010           |
| Industrial Flexo | Co-extruded gasket.<br>Sample ID:<br>22.97.8001.0 | 01.10.2003  | <a href="http://www.avon-rubber.com">www.avon-rubber.com</a> | UK +44 (0) 1225<br>861100 |
| Profile 22       | Bubblex                                           | 15.2.06     | <a href="http://www.profile22.co.uk">www.profile22.co.uk</a> | UK 01952 290910           |
| Rehau AG         | Rau-pren                                          | 13.12.2002  | <a href="http://www.rehau.com">www.rehau.com</a>             | Germany 09131 92<br>5362  |
| Ultraframe       | Ultramframe Co-extruded profiles                  | 12.3.2006   | <a href="http://www.ultraframe.com">www.ultraframe.com</a>   | UK 01200 443311           |
| Veka Ltd         | Co-extruded profile                               | 15.01.2003  | <a href="http://www.vekauk.com">www.vekauk.com</a>           | UK 01282 716611           |

## 1.2 Coated / Lubricated Gaskets \*

- Note: Lubricated / Coated samples sent for testing showed little or no hydrophobic leaching and therefore passed tests. Due to the nature of these lubricants they must be applied by the manufacturer and be fully dried prior to sue. Under no circumstances should additional lubricant be applied on site.**

**Check with supplier that the latest recommended material is being supplied and that the amount of lubricant applied to the gasket has not been changed or the composition changed, as this may reduce product compatibility.**

| Product compatibility.                          |                                                         |             |                        |                                                                                                                   |
|-------------------------------------------------|---------------------------------------------------------|-------------|------------------------|-------------------------------------------------------------------------------------------------------------------|
| Supplier                                        | Product Name                                            | Date Tested | Website                | Telephone                                                                                                         |
| AVATEC Inustrieprodukte GmbH Lubricant Supplier | Polymer S EPDM<br>Siloxane Lubricated                   | 01.10.2005  |                        | Germany +49 2861 90297-0                                                                                          |
| Barbe                                           | Silicone free<br>mounting lubricant                     | 15.2.06     | www.barbe.de           | Germany +49 611 182920                                                                                            |
| CGP Chemicals Ltd                               | CGP 2321 Profile<br>Coating                             | 15.2.06     | www.cgpchemicals.co.uk | UK:-01283511101<br><a href="mailto:sales@cgpchemicals.co.uk">sales@cgpchemicals.co.uk</a>                         |
| Deflex-Dichtsysteme                             | EPDM gasket with<br>glycerol                            | 01.12.2002  | www.deflex.de          | Germany 0203 31808-0                                                                                              |
|                                                 | EPDM + Talc                                             | 01.12.2002  |                        |                                                                                                                   |
|                                                 | Any TPE/EPDM<br>Gasket with <b>Deflex-Gummispray A1</b> | Q2 08       |                        |                                                                                                                   |
| DJ Profiles                                     | EPDM with<br>glycerol                                   | 27.01.2003  | www.trelleborg.com     | UK 01952 290303                                                                                                   |
| Fa. Dätwyler Inter GmbH                         | EPDM with special<br>slip-polymer                       | 01.12.2002  | www.daetwyler.ch       | Germany 049 50459109-22;<br>Switzerland 041 875 1122; UK Swindon,<br>France Estreé, Italy Milano, Poland Pruszkow |
| Fa. M.O.L. Gummiverarbeitung                    | EPDM with<br>lubricant                                  | 01/2005     | www.mol-seals.de       | Germany 49 (0) 4441 - 9245-0                                                                                      |
| Fabprene                                        | Glycerol Lubricated<br>EPDM                             | 01.01.2006  | www.fabprene.co.uk     | UK +44 (0)161 342 6902.                                                                                           |
| FinnProfiles Oy                                 | TPE 57SHA                                               | 13.11.2002  |                        | Finland 08 817 6090                                                                                               |
| Flevo Rubber                                    | Talc Lubricated EPDM 60                                 | 01.11.2005  | www.flevo-extrusion.nl | Netherlands +31 320 233007                                                                                        |
|                                                 | Talc Lubricated EPDM 70                                 |             |                        |                                                                                                                   |
|                                                 | Talc Lubricated EPDM 80                                 |             |                        |                                                                                                                   |
|                                                 | Promol Lubricated EPDM 60                               |             |                        |                                                                                                                   |
|                                                 | EPDM 60 Shore with<br>HC Glide 811 lubricant            | 10.2006     |                        |                                                                                                                   |
|                                                 | EPDM 70 Shore with<br>HC Glide 811 lubricant            |             |                        |                                                                                                                   |

## 1.2 Coated / Lubricated Gaskets \*

- Note: Lubricated / Coated samples sent for testing showed little or no hydrophobic leaching and therefore passed tests. Due to the nature of these lubricants they must be applied by the manufacturer and be fully dried prior to sue. Under no circumstances should additional lubricant be applied on site.**

**Check with supplier that the latest recommended material is being supplied and that the amount of lubricant applied to the gasket has not been changed or the composition changed, as this may reduce product compatibility.**

| Supplier                                    | Product Name                                             | Date Tested | Website                                      | Telephone                                                           |
|---------------------------------------------|----------------------------------------------------------|-------------|----------------------------------------------|---------------------------------------------------------------------|
| Goldschmidt GmbH (Lubricant Supplier)       | TPE Gasket with Siloxane based Slip Coating Getren P3300 | 01.12.2002  | www.getren.com                               | Germany +49 201173 2570                                             |
| GTG Gummitechnik W. Bartelt                 | EPDM with slip coating                                   | 01.12.2002  | www.gtg-group.com                            | <b>Germany</b> +49 (0) 9073 9507-0                                  |
|                                             | EPDM gasket with organic lubricant                       | 01.12.2002  |                                              |                                                                     |
|                                             | EPDM gasket with water based lubricant                   | 01.12.2002  |                                              |                                                                     |
| IEB Gummitechnik Eisele & Co                | TPE gasket with lubricant Getren P 3300                  | 01.12.2002  | www.ieb-gummitechnik.de                      | <b>Germany</b> +49 6061 9597-0                                      |
|                                             | TPE gasket with soapy water                              | 01.12.2002  |                                              |                                                                     |
| Industrial Flexo                            | EPDM gasket with E5 lubricant. Sample ID: 22.95.8419.1   | 01.10.2003  | www.avon-rubber.com                          | <b>UK</b> +44 (0) 1225 861100                                       |
| Leeser GmbH                                 | EPDM with slip coating                                   | 06/2008     | www.leeser.de                                | Tel + 49 2433 4508 – 247                                            |
| Linear                                      | TPE 4058-101                                             | 02.09.2002  |                                              | <b>UK</b> 01325 375126                                              |
| Mehren                                      | Mehren EPDM gasket with talc                             | 18.06.2002  | www.mehren.no                                | <b>Norway</b> 0337 85500                                            |
| Meteor Gummiwerke K. H. Bädje GmbH & Co. KG | Colourlock AC 600 EPDM                                   | 01/2005     | www.meteor.de                                | <b>Germany</b> +49-(0)5067/25-0                                     |
| Phoenix Benelux BVBA                        | EDPM with slip coating                                   | 01.08.2004  | www.phoenix-benelux.com<br>www.phoenix-dt.de | <b>Belgium</b> +32 (0) 3 206 7420<br><b>Germany</b> +49 3622-633494 |
| Profile 22                                  | TPE Silicone                                             | 15.01.2003  | www.profile22.co.uk                          | <b>UK</b> 01952 290910                                              |
| Saargummi                                   | Nova Strip                                               | 06.11.2002  | www.saargummi.de                             | <b>Germany</b> 0687469-0                                            |

## 1.2 Coated / Lubricated Gaskets \*

- Note: Lubricated / Coated samples sent for testing showed little or no hydrophobic leaching and therefore passed tests. Due to the nature of these lubricants they must be applied by the manufacturer and be fully dried prior to use. Under no circumstances should additional lubricant be applied on site.**

**Check with supplier that the latest recommended material is being supplied and that the amount of lubricant applied to the gasket has not been changed or the composition changed, as this may reduce product compatibility.**

| Supplier                                             | Product Name                                    | Date Tested | Website            | Telephone                                                                                                                                                                                                            |
|------------------------------------------------------|-------------------------------------------------|-------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Savatech                                             | STL 50410 glycerol EPDM                         | 13.12.2002  | www.savatech.co.uk | UK 020 82883508                                                                                                                                                                                                      |
|                                                      | STL 50410G glycerol EPDM                        | 13.12.2002  |                    |                                                                                                                                                                                                                      |
|                                                      | STL 50410 talc (EPDM)                           | 13.12.2002  |                    |                                                                                                                                                                                                                      |
|                                                      | STL 50410G talc (EPDM)                          | 13.12.2002  |                    |                                                                                                                                                                                                                      |
| Any TPE/EPDM Schill + Seilacher AG Lubricated Gasket | Struktol VP 5289 Siloxane Based Lubricant       | 1.2007      | www.struktol.de    | <b>Herr Mille Tel. Germany +49 3642-721 659</b>                                                                                                                                                                      |
| Semperit                                             | EPDM with slip coating                          | 14.02.2002  | www.semperit.at    | <b>Germany</b> 0991 27020;<br><b>Austria</b> 02630 310 214; <b>France</b> 01 30 25 87 25; <b>Italy</b> 0425 410 680 (Roiter); <b>Sweden</b> 08 88 04 20;<br><b>Netherlands</b> 033 245 8324; <b>UK</b> 0118 921 4801 |
|                                                      | EPDM gasket with glycerol                       | 14.02.2002  |                    |                                                                                                                                                                                                                      |
|                                                      | EPDM + Talc                                     | 14.02.2002  |                    |                                                                                                                                                                                                                      |
| Slottseal Extrusions Ltd                             | Slottseal gasket TPE                            | 05.11.2002  |                    | UK 01604 759535                                                                                                                                                                                                      |
| Synseal                                              | TPE gasket with glycerol                        | 01.02.2004  | www.synseal.com    | UK 01623 443200                                                                                                                                                                                                      |
|                                                      | VTP TPR Gasket Coated with Synseal Slip Coating | 10.2006     |                    |                                                                                                                                                                                                                      |
| TPP                                                  | Easy Set EPDM and Glide Polymer                 | 01.10.2005  | www.tpp-bv.com     | Phone 0031 (0)578-677330                                                                                                                                                                                             |

## 1.2 Coated / Lubricated Gaskets \*

- Note: Lubricated / Coated samples sent for testing showed little or no hydrophobic leaching and therefore passed tests. Due to the nature of these lubricants they must be applied by the manufacturer and be fully dried prior to sue. Under no circumstances should additional lubricant be applied on site.**

**Check with supplier that the latest recommended material is being supplied and that the amount of lubricant applied to the gasket has not been changed or the composition changed, as this may reduce product compatibility.**

| Supplier                                   | Product Name                                    | Date Tested | Website                               | Telephone                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------|-------------------------------------------------|-------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trelleborg                                 | EPDM with slip coating                          | 01.08.2004  | www.trelleborg.com/industrialprofiles | <b>Sweden</b> 0370 48191;<br><b>UK</b> 0121 352 3873;<br><b>Norway</b> 0648 66160;<br><b>Finland</b> 03314 30900;<br><b>Denmark</b> 075 64 72 52; <b>France</b> 0556 70 25 95; <b>Belgium</b> 055 20 67 64; <b>Germany</b> 0626 192350; <b>Poland</b> 042 613 6322; <b>export</b> from Sweden +46 381 60519 |
|                                            | Trelleborg EPDM extruded gasket                 | 18.12.2002  |                                       |                                                                                                                                                                                                                                                                                                             |
|                                            | Plastmo 6805077 EPDM                            | 01.08.2004  |                                       |                                                                                                                                                                                                                                                                                                             |
|                                            | Plastmo 6805079 EPDM                            | 01.08.2004  |                                       |                                                                                                                                                                                                                                                                                                             |
|                                            | Trelleborg extruded gasket with talc            | 01.09.2002  |                                       |                                                                                                                                                                                                                                                                                                             |
|                                            | EPDM gasket with potato starch                  | 01.09.2002  |                                       |                                                                                                                                                                                                                                                                                                             |
| Vredestein                                 | Tauchmittel 525A(EPDM) + glycerol               | 22.01.2003  | www.vredestein-sealings.com           | <b>NL</b> 0317 399 256                                                                                                                                                                                                                                                                                      |
| Any TPE/EPDM Getren 3300 Lubricated Gasket | Getren 3300 Lubricated Siloxane Based Lubricant | 01/2005     | www.getren.com                        | <b>Germany</b> +49 201173 2570                                                                                                                                                                                                                                                                              |
| KORALUB                                    | Any KORALUB lubricated EPDM gasket              | 01.03.2010  | www.obermeier.de                      | <b>Germany</b> +49 2751-5041                                                                                                                                                                                                                                                                                |
| M + R Dichtungstechnik GmbH                | KORALUB Emulsion G EPDM gasket                  | 01.03.2010  | www.mur-dichtungstechnik.de           | <b>Germany</b> +49 (0)6182 9567-24                                                                                                                                                                                                                                                                          |
| M + R Dichtungstechnik GmbH                | EPDM gasket with AC 600 lubricant               | 01.03.2010  | www.mur-dichtungstechnik.de           | <b>Germany</b> +49 (0)6182 9567-24                                                                                                                                                                                                                                                                          |
| J Allcock and Sons Ltd                     | Allcosil Lubricant on approved gasket           | 1/7/2007    | www.allcocks.co.uk                    | <b>UK</b> 0161 223 7181                                                                                                                                                                                                                                                                                     |

## 1.2 Coated / Lubricated Gaskets \*

- Note: Lubricated / Coated samples sent for testing showed little or no hydrophobic leaching and therefore passed tests. Due to the nature of these lubricants they must be applied by the manufacturer and be fully dried prior to use. Under no circumstances should additional lubricant be applied on site.**

**Check with supplier that the latest recommended material is being supplied and that the amount of lubricant applied to the gasket has not been changed or the composition changed, as this may reduce product compatibility.**

| <b>Supplier</b>   | <b>Product Name</b>                    | <b>Date Tested</b> | <b>Website</b>                                   | <b>Telephone</b>                                  |
|-------------------|----------------------------------------|--------------------|--------------------------------------------------|---------------------------------------------------|
| Meteor Gummiwerke | MEPSOLAC S<br>MEPSOLAC E<br>Lubricants | July 2011          | <a href="http://www.meteor.de">www.meteor.de</a> | <b>Rolf Hoppenheit</b><br><b>0049 5067/25-113</b> |

## 1.3 Dry EPDM Gaskets

| Supplier                    | Product Name                                               | Date Tested | Website                                                                          | Telephone                                                                                                                                                                                                      |
|-----------------------------|------------------------------------------------------------|-------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conta flexible products     | 240-901<br>470-901                                         | Q1 2012     | <a href="http://www.conta.com.tr">www.conta.com.tr</a>                           |                                                                                                                                                                                                                |
| Fa. Dätwyler Inter          | Dry EPDM                                                   | 01.12.2002  | <a href="http://www.daetwyler.ch">www.daetwyler.ch</a>                           | <b>Germany</b> 049 50459109-22;<br><b>Switzerland</b> 041 875 1122; <b>UK</b> Swindon,<br><b>France</b> Estreé, <b>Italy</b> Milano, <b>Poland</b> Pruszkow                                                    |
|                             | Dry EPDM                                                   | Q1 2009     |                                                                                  |                                                                                                                                                                                                                |
| Flevo Rubber                | Dry EPDM 60                                                | 01.11.2005  | <a href="http://www.flevo-extrusion.nl">www.flevo-extrusion.nl</a>               | <b>Netherlands</b> +31 320 233007                                                                                                                                                                              |
|                             | Dry EPDM 70                                                |             |                                                                                  |                                                                                                                                                                                                                |
|                             | Dry EPDM 80                                                |             |                                                                                  |                                                                                                                                                                                                                |
| Gruppo BMP                  | Dry EPDM 70                                                | 27.01.2009  | <a href="http://www.bmp.it">www.bmp.it</a>                                       | <b>Italy</b> 0331 57391                                                                                                                                                                                        |
| GTG Gummitechnik W. Bartelt | Dry EPDM gasket                                            | 01.12.2002  | <a href="http://www.gtg-group.com">www.gtg-group.com</a>                         | <b>Germany</b> +49 (0) 9073 9507-0                                                                                                                                                                             |
| Industrial Flexo            | Dry EPDM gasket 70.<br>Sample ID: 22.80.8016.0             | 01.10.2003  | <a href="http://www.avon-rubber.com">www.avon-rubber.com</a>                     | <b>UK</b> +44 (0) 1225 861100                                                                                                                                                                                  |
| Mehren                      | Peroxide EPDM gasket. Sample ID: 22.95.8419.0              | 01.10.2003  | <a href="http://www.mehren.no">www.mehren.no</a>                                 | <b>Norway</b> 0337 85500                                                                                                                                                                                       |
|                             | Mehren Gasket                                              | 18.06.2002  |                                                                                  |                                                                                                                                                                                                                |
| PRODEX                      | Prodene 404<br>Prodene 503<br>Prodene P524<br>Prodene P704 | Q4 2011     | <a href="http://www.prodex-elastomeres.com">www.prodex-elastomeres.com</a>       | Tel : 00 33 237 257 783                                                                                                                                                                                        |
| Reddiglaze                  | Reddiglaze EPDM                                            | 17.09.2002  | <a href="http://www.reddiglaze.com">www.reddiglaze.com</a>                       | <b>UK</b> 01905 795432 (also <b>export</b> into Europe)                                                                                                                                                        |
| Rehau AG                    | Wooden frame gasket                                        | 17.09.2002  | <a href="http://www.rehau.com">www.rehau.com</a>                                 | <b>Germany</b> 09131 92 5362                                                                                                                                                                                   |
|                             | Dry EPDM gasket                                            | 13.12.2002  |                                                                                  |                                                                                                                                                                                                                |
| SAPA                        | RU1600 EPDM gasket                                         | 01.06.2009  | <a href="http://www.sapabuildingsystems.co.uk">www.sapabuildingsystems.co.uk</a> | <b>UK</b> +44 1684 853500                                                                                                                                                                                      |
| SAPA                        | DFC1510 gasket                                             | 01.11.2010  | <a href="http://www.sapabuildingsystems.co.uk">www.sapabuildingsystems.co.uk</a> | <b>UK</b> +44 1684 853500                                                                                                                                                                                      |
| Semperit                    | Dry EPDM 2631 and 2610                                     | 10.10.2006  | <a href="http://www.semperit.at">www.semperit.at</a>                             | <b>Germany</b> 0991 27020; <b>Austria</b> 02630 310 214; <b>France</b> 01 30 25 87 25; <b>Italy</b> 0425 410 680 (Roiter); <b>Sweden</b> 08 88 04 20; <b>Netherlands</b> 033 245 8324; <b>UK</b> 0118 921 4801 |

|                      |                                 |                          |                                                                                                |                                                                                                                                                                                                                                                                                                 |
|----------------------|---------------------------------|--------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trelleborg           | Trelleborg Extruded Gasket      | 01.09.2002               | <a href="http://www.trelleborg.com/industry_profiles">www.trelleborg.com/industry_profiles</a> | <b>Sweden</b> 0370 48191; <b>UK</b> 0121 352 3873; <b>Norway</b> 0648 66160; <b>Finland</b> 03314 30900; <b>Denmark</b> 075 64 72 52; <b>France</b> 0556 70 25 95; <b>Belgium</b> 055 20 67 64; <b>Germany</b> 0626 192350; <b>Poland</b> 042 613 6322; <b>export</b> from Sweden +46 381 60519 |
| Tremco               | Peroxide EPDM 65<br>VISIONstrip | 09.01.2003<br>01.08.2009 | <a href="http://www.tremcoeuropa.com">www.tremcoeuropa.com</a>                                 | <b>UK</b> 01753 691696; <b>Germany</b> 02405 426662; <b>Netherlands</b> 055 533 6062; <b>Sweden</b> 031 57 00 10; <b>Finland</b> 095 499 4500; <b>France</b> 01 34 58 57 00; <b>Italy</b> 02 98 281854; <b>Norway</b> 02 32 71 70                                                               |
| Veka Ltd             | 70 Duro EPDM                    | 09.01.2003               | <a href="http://www.vekauk.com">www.vekauk.com</a>                                             | <b>UK</b> 01282 716611                                                                                                                                                                                                                                                                          |
|                      | 60 Duro EPDM                    | 09.01.2003               |                                                                                                |                                                                                                                                                                                                                                                                                                 |
|                      | SCR 900-70                      | 09.01.2003               |                                                                                                |                                                                                                                                                                                                                                                                                                 |
|                      | VEKA Extruded EPDM              | 15.01.2003               |                                                                                                |                                                                                                                                                                                                                                                                                                 |
| Wilfried Becker GmbH | 04150136, 04150138 and 04150145 | 1.5.2007                 | <a href="http://www.baulager.de">www.baulager.de</a>                                           | <b>Germany</b> 02131758100                                                                                                                                                                                                                                                                      |
|                      |                                 |                          |                                                                                                |                                                                                                                                                                                                                                                                                                 |

## 1.4 Dry TPE Gaskets

| Supplier                 | Product Name               | Date Tested | Website                                                      | Telephone                                               |
|--------------------------|----------------------------|-------------|--------------------------------------------------------------|---------------------------------------------------------|
| Euroseal                 | Euroseal Blue Label Gasket | 10.06.2003  | <a href="http://www.euroseal.co.uk">www.euroseal.co.uk</a>   | <b>UK</b> 0121 344 4100                                 |
| FinnProfiles Oy          | TPE 57SHA                  | 13.11.2002  |                                                              | <b>Finland</b> 08 817 6090                              |
| Linear                   | TPE 4100-101               | 02.09.2002  |                                                              | <b>UK</b> 01325 375126                                  |
|                          | TPE 4058-101               | 02.09.2002  |                                                              |                                                         |
| Profile 22               | TPE Dry                    | 15.01.2003  | <a href="http://www.profile22.co.uk">www.profile22.co.uk</a> | <b>UK</b> 01952 290910                                  |
| Reddiglaze               | Reddiglaze TPR             | 02.09.2002  | <a href="http://www.reddiglaze.com">www.reddiglaze.com</a>   | <b>UK</b> 01905 795432 (also <b>export</b> into Europe) |
| Slottseal Extrusions Ltd | Slottseal Gasket           | 01.11.2002  |                                                              | <b>UK</b> 01604 759535                                  |

## 1.5 Other Dry Gaskets

| Supplier                                             | Product Name                                                                                                                                                                     |                                                                                                     | Date Tested | Website                                                              | Telephone                                                                          |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------|
| BIW Isolierstoffe GmbH                               | Silicon P60                                                                                                                                                                      |                                                                                                     | -           | www.biw.de                                                           | Germany 02333 83080                                                                |
| Deflex-Dichtsysteme                                  | Dry silicone gasket                                                                                                                                                              |                                                                                                     | 01.12.2002  | www.deflex.de                                                        | Germany 0203 31808-0                                                               |
| Eurocell                                             | Eurocell E Gasket                                                                                                                                                                |                                                                                                     | 15.5.2006   | -                                                                    | UK +44 (0) 01246 205577                                                            |
| FinnProfiles Oy                                      | Silicone 65 SHA extruded or baked silicone versions                                                                                                                              |                                                                                                     | 13.11.2002  |                                                                      | Finland 08 817 6090                                                                |
| Hermann Gutmann Werke AG                             | Silicone gasket 750010 + 750011                                                                                                                                                  |                                                                                                     | Q2 08       | www.gutmann.de                                                       | + 49 9141 9 92 - 0                                                                 |
| Hydro Polymers                                       | VA 2010                                                                                                                                                                          |                                                                                                     | 27.09.2004  | www.hydro.com                                                        | Norway +47 22 53 81 00                                                             |
| Leeser GmbH                                          | dry foamed rubber                                                                                                                                                                |                                                                                                     | Q2 08       | www.leeser.de                                                        | Tel +49 2433 4508 – 247                                                            |
| Metal Technology                                     | CA25<br>CA26<br>CA27<br>CA28<br>CA29<br>CS55<br>CS63<br>WB757<br>058<br>063<br>066                                                                                               | SD36<br>SD37<br>SD115<br>SD134<br>CW11<br>CW12<br>HR5059<br>HR50120<br>HR50121<br>VS122<br>VS123/BK | 1.12.07     | <a href="http://www.metaltechnology.com">www.metaltechnology.com</a> | UK 02894 487777<br>(Fax 02894 487878)                                              |
| M+S Silicone GmbH                                    |                                                                                                                                                                                  |                                                                                                     | 01.01.2006  | www.ms-silicon.de                                                    | Germany +49 231967890-0                                                            |
| PAL Glazing                                          | PAL glazing not lubricated                                                                                                                                                       |                                                                                                     | 24.01.2003  | www.palgroup.co.uk                                                   | UK 0121 526 4048                                                                   |
| Ravenscroft Plastics                                 | Sapa C4169                                                                                                                                                                       |                                                                                                     | 07.03.2003  | www.ravenscroft.co.uk                                                | UK (01684) 292272/299669                                                           |
| Reddiglaze                                           | Reddiglaze PVC Dry Vinyl                                                                                                                                                         |                                                                                                     | 02.09.2002  | www.reddiglaze.com                                                   | UK 01905 795432 (also export into Europe)                                          |
| Rehau AG                                             | Dry silicone gasket                                                                                                                                                              |                                                                                                     | 13.12.2002  | www.rehau.com                                                        | Germany 09131 92 5362                                                              |
| Sapa building systems (UK)                           | VSW gasket (PVC Nitrile) C520                                                                                                                                                    |                                                                                                     | June 2011   | www.sapabuildingsystems.co.uk                                        | Tel +44 1684 853500<br>Fax +44 1684 851850                                         |
| Schlegel                                             | Q-Lon Dry Foam                                                                                                                                                                   |                                                                                                     | 18.12.2001  | www.schlegel.co.uk                                                   | UK 01462 815500;<br>Germany 0407 33290;<br>Italy 0221 36115;<br>Belgium 059 270300 |
| Senior Aluminium Systems                             | SMRTB4, SCG24, SW4G, SWFS, SWW6, SWDG, SWRG, SWDG02, SPGRG, SW4ATH, SRA35311, SMRG2, SRG10, SRA34025, SCWG, SWRG3, SWW4, SRG6, SSG201, SW3B, SW27G, SRA353111, SWW8, SW4C2, SW4B |                                                                                                     | April 2008  | www.senioraluminium.co.uk                                            | UK 01790 772600, Fax 01709 772601                                                  |
| Silex GmbH                                           | Tempered Silicone Gasket                                                                                                                                                         |                                                                                                     | 01.11.2005  | www.Silex-silikon.de                                                 | Germany +49 2323 98644-0                                                           |
|                                                      | Silicone foam                                                                                                                                                                    |                                                                                                     | Q2 08       |                                                                      |                                                                                    |
| Sipro (Saint Gobain Performance Plastics SIPRO GmbH) | Silproslide Type A black dry silicone gasket                                                                                                                                     |                                                                                                     | 01.12.2002  | www.sipro.de                                                         | Germany 0611 92813-0                                                               |

## 1.6 Glazing Tape / Material Systems

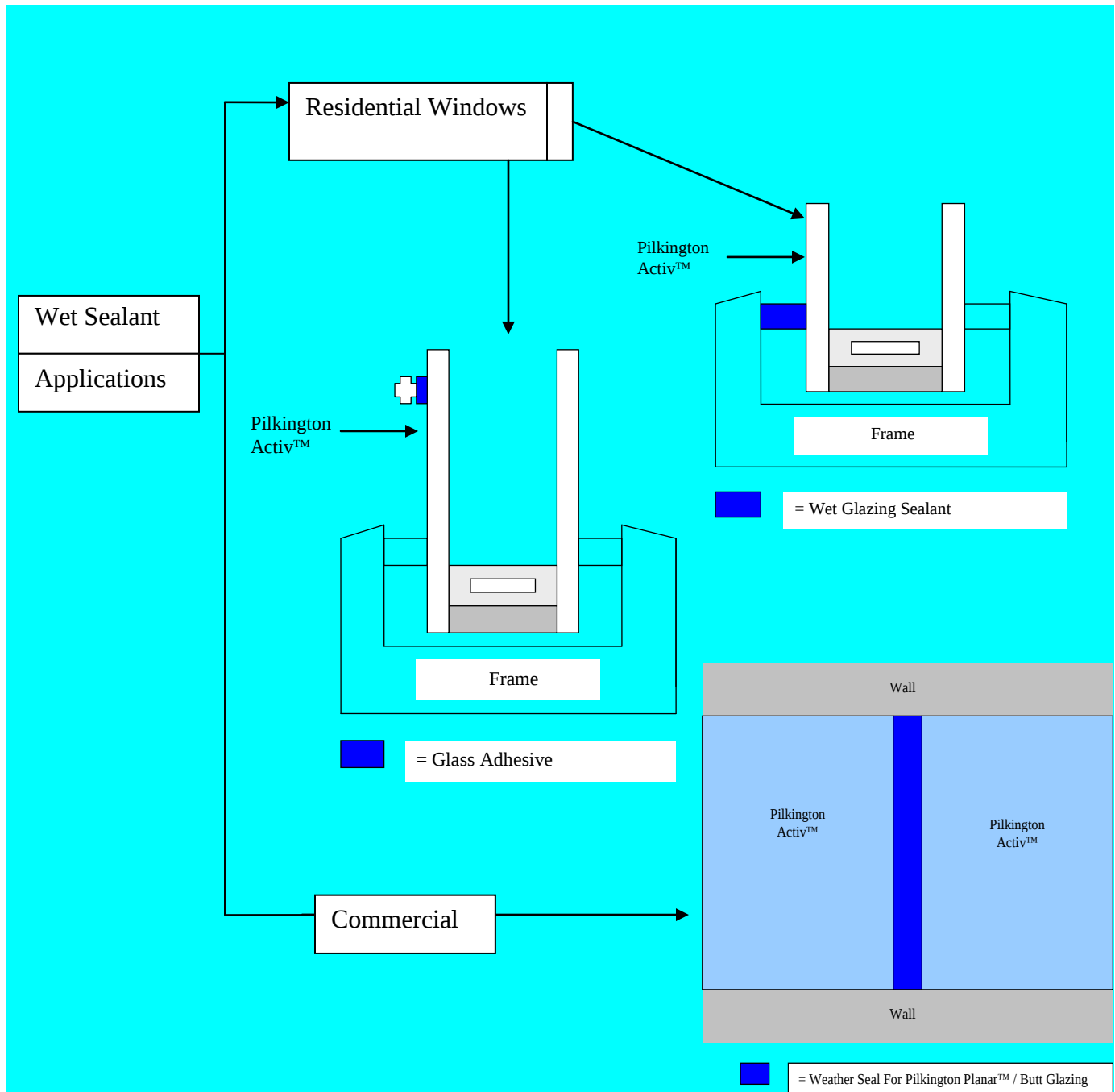
| Supplier                               | Product Name                                           | Date Tested | Website                     | Telephone                                 |
|----------------------------------------|--------------------------------------------------------|-------------|-----------------------------|-------------------------------------------|
| 3M                                     | Acrylic Foam 4941 P                                    | 14.05.2003  | www.mmm.com                 | <b>Global</b> +1-888-364-3577             |
|                                        | Acrylic Foam 4613                                      | 14.05.2003  |                             |                                           |
|                                        | Pressure Sensitive Tape-5952F                          | 14.05.2003  |                             |                                           |
|                                        | 4408 A-30                                              | 01.02.2005  |                             |                                           |
| Adshead Ratcliffe                      | glazing tape                                           | 26.03.2003  | www.arbo.co.uk              | <b>UK</b> 01773 821215                    |
|                                        | sponge glazing tape                                    | 26.03.2003  |                             |                                           |
| Biolink - from UK Industrial Tapes Ltd | ProLink 1500R, FoamLink 1603H                          | 17.04.2003  | www.ukindustrialtapes.co.uk | <b>UK</b> +44 (0)191 487 3255             |
| Hodgson Sealants                       | Profile Tape 8x4                                       | 01.12.2002  | www.hodgson-sealants.co.uk  | <b>UK</b> 01482 868321                    |
|                                        | Foam Sekure XD (for upvc or timber)                    | 01.12.2002  |                             |                                           |
|                                        | Flexi Bond 15x3                                        | 01.12.2002  |                             |                                           |
|                                        | Flexi Strip 15x5                                       | 01.12.2002  |                             |                                           |
|                                        | Colourglaze Putty                                      | 10.2006     |                             |                                           |
|                                        | Butyl Glazing compound                                 |             |                             |                                           |
|                                        | Rapid Set Putty                                        |             |                             |                                           |
|                                        | Linseed Oil Putty<br>(Check Application Compatibility) |             |                             |                                           |
|                                        | Multipurpose Putty                                     |             |                             |                                           |
| Illbruck Sealant Systems Uk            | Alfas Glasket (Glazing Tape)                           | 10.06.2003  | www.illbruck.com            | <b>UK</b> +44 (0)191 419 0505             |
|                                        | Alfas SGT PVC - DSX (Security Glazing Tape)            | 10.06.2003  |                             |                                           |
|                                        | Alfas SGT PVC - DST (Security Glazing Tape)            | 10.06.2003  |                             |                                           |
|                                        | Alfas SGT PE - DSP (Security Glazing Tape)             | 10.06.2003  |                             |                                           |
|                                        | Alfas SGT Super (Security Glazing Tape)                | 10.06.2003  |                             |                                           |
| Kawo                                   | KAWO Vorlegeband (Art.Nr.4060905)                      | 01.08.2004  | www.kawo.de                 | <b>Germany</b> +49 (0) 5121 76 1935       |
|                                        | KAWO Vorlegeband (Art.Nr.4060905)                      | 01.08.2004  |                             |                                           |
| Metal Technology                       | Butyl backed foil tape – HR5064                        | 06/2008     | www.metaltechnology.com     | <b>UK</b> 02894 487777 (Fax 02894 487878) |
| Scapa                                  | Scapa A1179<br>Scapa A1160                             | 08/08/2009  | www.scapaeurope.com         | <b>UK</b> +44 (0)161 3017400              |

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                     |            |                                                                              |                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------|-------------------------------------|
|                         | Scapa A1178<br>Scapa A1138<br>Scapa A1130TP<br>Scapa A11TO<br>Scapa A177A<br>Scapa A1139<br>Scapa A1130TL<br>Scapa A11BO<br>Scapa A1270<br>Scapa A1100<br>Scapa 3259<br>Scapa 3257<br>Scapa A1170<br>Scapa 3594<br>Scapa 3507<br>Scapa 5169<br>Scapa 5179<br>Scapa 5464<br>Scapa 5404<br>Scapa 5164<br>Scapa 3099<br>Scapa 3209<br>Scapa 5189<br>Scapa 5469<br>Scapa 3154<br>Scapa 3509<br>Scapa 3589<br>Scapa 5409 |            |                                                                              |                                     |
| Scmid<br>Baukunststoffe | Butyl Tape                                                                                                                                                                                                                                                                                                                                                                                                          | 01.01.2005 | <a href="http://www.scmid-baukunststoffe.de">www.scmid-baukunststoffe.de</a> | <b>Germany</b> +49 (0) 35341 10 000 |

## 1.6 Glazing Tape / Material Systems

| Supplier            | Product Name                                        | Date Tested | Website                     | Telephone                                                                                                                                                                 |
|---------------------|-----------------------------------------------------|-------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shand Higson        | 5189/4 (Security Glazing Tape)                      | 17.04.2003  | www.shandhigson.co.uk       | UK +44 (0)151 207 5661                                                                                                                                                    |
| Tremco              | Tremco 440                                          | 02.09.2003  | www.tremcoeuropa.com        | UK 01753 691696; Germany 02405 426662; Netherlands 055 533 6062; Sweden 031 57 00 10; Finland 095 499 4500; France 01 34 58 57 00; Italy 02 98 281854; Norway 02 32 71 70 |
|                     | Tremco SST-800                                      |             |                             |                                                                                                                                                                           |
|                     | Tremco NS tape                                      |             |                             |                                                                                                                                                                           |
|                     | Tremco Butyl Tape                                   |             |                             |                                                                                                                                                                           |
|                     | EPDM and Neoprene sponges                           |             |                             |                                                                                                                                                                           |
|                     | Polyshim                                            |             |                             |                                                                                                                                                                           |
| Tesa AG             | Tesaband 50560                                      | 10.2006     | www.tesa.de                 | Germany +49 40 4909 3400                                                                                                                                                  |
|                     | Tesaband 50030 PVO                                  |             |                             |                                                                                                                                                                           |
|                     | Tesaband 50550-60 Träger 7/06                       |             |                             |                                                                                                                                                                           |
| UK Industrial Tapes | ProLink 1500R                                       | 17.04.2003  | www.ukindustrialtapes.co.uk | UK +44 (0)191 487 3255                                                                                                                                                    |
|                     | FoamLink 1603H                                      | 17.04.2003  |                             |                                                                                                                                                                           |
| Venture Tape        | VG132, VG116, VG108, VG1316 (Security Glazing Tape) | 22.04.2003  | www.venturetape.com         | UK +44 (0) 1327 876555                                                                                                                                                    |

## 2. Wet Glazing System Materials - Residential and Commercial Applications



**Please Note:** If there is a straightforward pathway for water run-off between the caulking and the Pilkington Activ™ surface, the caulking material used should NOT be silicone. Alternatives include Silicone hybrids, MS Polymers and polyurethanes.

## 2.1 Wet Glazing Sealants – SCG TEC

SCG-TEC based sealants have been specifically developed for use with Self Cleaning Glass. These products offer improved UV resistance and durability compared with MS Polymer based sealants and are certified to external standards (e.g. ISO 11600, further details are available from the individual sealant suppliers).

As with all approved sealants these materials have been tested for compatibility with Pilkington Activ™. These sealants are suitable for both residential and commercial applications. As with all sealant applications, checks with the sealant supplier that the material is suitable for the intended application should be undertaken.

| Use                              | Supplier | Product Name    | Date Tested | Website                                      | Telephone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|----------|-----------------|-------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Residential / Commercial Sealant | Dow      | Dow Corning 757 | 1.12.2007   | <a href="http://www.dow.com">www.dow.com</a> | <p><b>UK –</b><br/>Contact UK Distributor Geocel<br/>Tel. 01752 202060 - <a href="http://www.geocel.co.uk">www.geocel.co.uk</a></p> <p><b>Austria, Germany, Poland, Switzerland &amp; Eastern Europe</b><br/>DOW CORNING GmbH<br/>Tel: +49(0)611 237 906<br/>Fax: +49(0)611 237 603</p> <p><b>France and North Africa</b><br/>DOW CORNING France S.A.<br/>Tel: +33(0)4 72 84 13 60<br/>Fax: +33(0)4 72 84 13 79</p> <p><b>Italy &amp; Eastern Mediterranean Countries</b><br/>DOW CORNING S.p.A.<br/>Tel: 39 02 98832 1<br/>Fax: 39 02 9880483</p> <p><b>Russland, CIS</b><br/>DOW CORNING Representation Office<br/>Tel.: +7 495 783 6648<br/>Fax: +7 495 783 6652</p> <p><b>Spain and Portugal</b><br/>DOW CORNING Iberica S.A.<br/>Tel: +34(0)93 405 12 15<br/>Fax: +34(0)93 405 38 94</p> <p><b>Turkey</b><br/>Dow Corning Liaison Office Turkey<br/>Tel: +90.216.4677645 (211)<br/>Fax: + 90.216.4673909</p> <p><b>All other countries</b><br/>Please contact the Dow Corning Technical Information Center on:<br/>Tel. +49 611 237 778<br/><a href="mailto:eutech.info@dowcorning.com">eutech.info@dowcorning.com</a></p> |

## 2.1 Wet Glazing Sealants – SCG TEC

SCG-TEC based sealants have been specifically developed for use with Self Cleaning Glass. These products offer improved UV resistance and durability compared with MS Polymer based sealants and are certified to external standards (e.g. ISO 11600, further details are available from the individual sealant suppliers).

As with all approved sealants these materials have been tested for compatibility with Pilkington Activ™. These sealants are suitable for both residential and commercial applications. As with all sealant applications, checks with the sealant supplier that the material is suitable for the intended application should be undertaken.

| Use                              | Supplier         | Product Name             | Date Tested | Website                                                      | Telephone             |
|----------------------------------|------------------|--------------------------|-------------|--------------------------------------------------------------|-----------------------|
| Residential / Commercial Sealant | ATE Distribution | Sealclean                | 1.11.2008   |                                                              | Tel. +33 145 60 43 14 |
| Residential/ Commercial Sealant  | Soudal           | SMX 505                  | 31.05.2005  | <a href="http://www.soudal.com">www.soudal.com</a>           | UK +44 1827 261092    |
| Residential/ Commercial Sealant  | Soudal           | SMX 506<br>ISO11600 20LM | 01.04.2010  | <a href="http://www.soudal.com">www.soudal.com</a>           | UK +44 1827 261092    |
| Residential/ Commercial Sealant  | Dana Lim         | SCG Sealer 521           | 26.11.2008  | <a href="http://www.danalim.dk">http://www.danalim.dk</a>    | Contact via website   |
| Residential Sealant              | Geocel           | Geocel 920               | 01.03.2010  | <a href="http://www.geocel.co.uk">www.geocel.co.uk</a>       | +44 1752 334350       |
| Residential/ Commercial Sealant  | Merz + Benteli   | Merbenit UV27            | 01.03.2010  | <a href="http://www.merz-benteli.ch">www.merz-benteli.ch</a> | +41 (0)31 980 48 48   |

**Please note, Henkel have withdrawn their SCG TEC sealant which is no longer commercially available**

## 2.2 Wet Glazing Sealants – MS Technology

MS polymer based sealants have been tested for compatibility with Pilkington Activ™. Suitability of these sealants for the intended application must be discussed with the individual manufacturer to ensure the sealant is applicable for the intended application.

| Use                 | Supplier                      | Product Name                                                                                            | Date Tested | Website                                                                                      | Telephone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|-------------------------------|---------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Residential Sealant | Soudal                        | Soudaseal 4 all paint                                                                                   | 01.01.2005  | <a href="http://www.soudal.com">www.soudal.com</a>                                           | UK +44 1827 261092                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Residential Sealant | Den Braven                    | Hybriseal 2PS (also known as Hercuseal 305). NB - coloured versions (white, black, grey and brown) only | 03.01.2003  | <a href="http://www.denbraven.nl">www.denbraven.nl</a>                                       | <b>Netherlands</b> 0162 49 1000, <b>Belgium</b> 02 358 3556; <b>Germany</b> 05481 941510; <b>Poland</b> 0618 143504; <b>Greece</b> 1 765 1365; <b>Austria</b> 0043 263 341 399; <b>Italy</b> 0461 534 388; <b>UK</b> (Siraflex) 01226 771600; <b>France</b> 03 44 91 68 68; <b>Denmark</b> 0755 81230; <b>Finland</b> 0201 980610                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Residential Sealant | Fenotherm                     | Fenotherm MS Sealant                                                                                    | 1.11.2008   |                                                                                              | <b>Fa. Fenoplast Fügetchnik GmbH</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Residential Sealant | KENT (Premier Industrial Ltd) | KENT Rotabond 2000 with KENT MS Prep Primer                                                             | 01.05.2001  | <a href="http://www.kenteurope.com">www.kenteurope.com</a>                                   | <b>Belgium</b> +32 (0)2 725 93 93; <b>Denmark</b> +45 4917 7888; <b>France</b> +33 1 30 95 40 60; <b>Germany</b> +49 02154 956736; <b>Italy</b> Free on 800 011 780 or +39 011 64 77 311; <b>Netherlands</b> +31 (0) 499 331919; <b>Spain</b> +34 91 883 50 54; <b>Sweden</b> +46 (0)44 700 51; <b>UK</b> +44 (0) 1403 213349<br><b>KENT Distributors:</b> <b>Austria</b> (Hubert Pokorny GmbH-) +43 2236 64939; <b>Croatia</b> (Pobus d.o.o) +385 513 323906; <b>Estonia</b> (Ou Kevamer Av) + 372 44 25 892; <b>Finland</b> (Jasper Oy) +35 833 450 580; <b>Norway</b> (C Frimann-Dahl AS) +47 22 51 17 00; <b>Poland</b> (Luna Polska Z.o.o) + 48 32 208 6541; <b>Slovenia</b> (AT Team D.o.o) +386 15193333; <b>Switzerland</b> (Halco Trade) +41 14 348040 |
| Residential Sealant | EGO                           | EGO MS808                                                                                               | 1.7.2006    | <a href="http://www.ego.de">www.ego.de</a>                                                   | EGO Dichtstoffwerke GmbH & Co. KG, Lilienthalstrasse 7,82205 Gilching<br><b>Germany</b> +49 08105 217-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Residential Sealant | Adolf Würth GmbH & Co. KG     | Würth Sabesto Aktivglas Dichtstoff                                                                      | 10.10.2006  | -                                                                                            | Adolf Würth GmbH & Co. KG. Künzelsau Germany                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Residential Sealant | Ramsauer GmbH                 | Glasdicht 300                                                                                           | 06/2008     | <a href="http://www.ramsauer.at">www.ramsauer.at</a>                                         | Tel +43 6135 8205 - 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Residential Sealant | Sika Schweiz AG               | Sikasil WS-680 SC                                                                                       | 04/2010     | <a href="http://che.sika.com">http://che.sika.com</a>                                        | Tel (+41) 56 649 31 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Residential Sealant | Tremco-illbruck               | Perennator SC805 MS580                                                                                  | 04/2010     | <a href="http://www.tremco-illbruck.com">www.tremco-illbruck.com</a>                         | Tel +49 (0)2203/57550-0<br>Fax +49 (0)2203/57550-90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Residential Sealant | Ultraframe                    | ADV007                                                                                                  | 06/2008     | <a href="http://www.ultraframe-conservatories.co.uk">www.ultraframe-conservatories.co.uk</a> | Tel (+44) 01200 443311 Fax:- (+44) 0870 414020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## 2.3 Tapes and Adhesives

| Use               | Supplier                    | Product Name                        | Date Tested | Website               | Telephone                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-----------------------------|-------------------------------------|-------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Georgian Bar Tape | Illbruck Sealant Systems Uk | Alfas GBT General Bonding Tape      | 10.06.2003  | www.illbruck.com      | UK +44 (0)191 419 0505                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                   |                             | Alfas FAT Foamed Acrylic Tape       | 10.06.2003  |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Tape              | Kent Industrial             | Butyl HT Ivory                      | 10.10.2006  | www.kenteurope.com    | <b>Belgium</b> +32 (0)2 725 93 93; <b>Denmark</b> +45 4917 7888; <b>France</b> +33 1 30 95 40 60; <b>Germany</b> +49 02154 956736; <b>Italy</b> Free on 800 011 780 ; <b>Netherlands</b> +31 (0) 499 331919; <b>Spain</b> +34 91 883 50 54; <b>Sweden</b> +46 (0)44 700 51; <b>UK</b> +44 (0) 1403 213349                                                                                                                                   |
| Georgian Bar Tape | Technibond                  | Technibond double sided tape        | 27.06.2002  | www.technibond.co.uk  | UK 01628 642800                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Georgian Bar Tape | Shand Higson                | 5300                                | 17.04.2003  | www.shandhigson.co.uk | UK +44 (0)151 207 5661                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Glass Adhesives   | Sika                        | Sikaflex 11FC                       | 25.02.2003  | www.sika.co.uk        | 01707 39 44 44                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   |                             | Sikafast 5215                       | 24.02.2003  |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Glass Adhesives   | Bostik                      | Bostik Hybrid 2640                  | 25.02.2003  | www.bostik.com        | <b>Austria</b> 05425 801-0; <b>Belgium</b> 2 370 20 62; <b>Denmark</b> +45 448 41 500; <b>France</b> 01 64 42 12 12; <b>Germany</b> 069 8900 10; <b>Ireland</b> 01840 14 61; <b>Italy</b> 02 24 10 93 1; <b>Netherlands</b> 165 590 590; <b>Spain</b> 34(93)586 0203; <b>Switzerland</b> 05425 801-0; <b>UK</b> 0116 251 0015                                                                                                               |
|                   |                             | Bostik Hybrid 2620                  | 04.05.2004  |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                   |                             | Uretan 2637                         | 25.02.2003  |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                   |                             | Glasil Super                        | 04.05.2004  |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Glass Adhesives   | Würth                       | Zebra MS Polymer Adhesive           | 25.02.2003  | www.wurth.com         | <b>Austria</b> +43 2743 70700; <b>Belgium</b> +32 14 445566; <b>Denmark</b> +45 79 323232; <b>Finland</b> +358 19 7701; <b>France</b> +33 3 88645300; <b>Germany</b> +49 7940 15-0; <b>Ireland</b> +353 61 412911; <b>Italy</b> +39 0471 828111; <b>Netherlands</b> +31 73 6291911; <b>Norway</b> +47 67 062500; <b>Poland</b> +48 22 8119041; <b>Sweden</b> +46 19 351000; <b>Switzerland</b> +41 61 7059111; <b>UK</b> +44 (0)1483 412800 |
| Protective tape   | Scapa                       | Scapa 2903 low-tack protection tape | 06.06.2009  | www.scapa.com         | UK +44 (0)161 3017400                                                                                                                                                                                                                                                                                                                                                                                                                       |

**Note - Glass adhesives are not a glazing sealant**

## 2.4 Caulking Materials

Please Note: If there is a straightforward pathway for water run-off between the silicone caulking and the Pilkington Activ™ surface, the caulking material should NOT be silicone. Alternatives include MS Polymers and polyurethanes. The product listed below has been tested and is compatible with Pilkington Activ™ as a sealant to be used between window frame and brickwork, concrete or cladding material. To mount the glass into a window frame, other sealant types are available. Further details on application suitability is available from the supplier.

| Product Type | Supplier      | Product Name    | Date Tested | Website       | Telephone                      |
|--------------|---------------|-----------------|-------------|---------------|--------------------------------|
| MS Polymer   | Soudal        | Soudaseal 215LM | 11.03.2004  | www.soudal.be | <b>Belgium</b> +32 14 42 42 31 |
| MS Polymer   | Würth Denmark | MS20 Multifuge  | 1.7.2007    | www.wuerth.dk | <b>+45 79 323 242</b>          |

## 3.0 Commercial Glazing Systems

| Supplier                                                                                                                                                        | Gasket Name                          | System Name                                                                                                                                          | Date Tested | Website                 | Telephone                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------|--------------------------------------------------------|
| Schüco                                                                                                                                                          | 224 063<br>(with yellow stripe)      | Window systems: Royal S 45, 50, 50N, 65, 65AK, 70B and 70BS                                                                                          | 07.03.2003  | www.schueco.de          | <b>Germany</b> 0049 5 21 7830; <b>UK</b> 01908 282 111 |
|                                                                                                                                                                 | 224 606                              | Curtain Walling systems: FW50 <sup>+</sup> , FW60 <sup>+</sup> , FW50 <sup>+</sup> .1, FW60 <sup>+</sup> .1                                          | 07.03.2003  |                         |                                                        |
| <b>Schüco can offer alternative lubricants with their systems. To avoid misunderstandings please note on your order that you want to use Pilkington Activ™.</b> |                                      |                                                                                                                                                      |             |                         |                                                        |
| Heywood Williams                                                                                                                                                | 1 broad, 1 narrow, Aluminium gaskets | Series 23 Commercial Window Systems, Series 24 Commercial Window Systems, Series 48 Curtain Walling Systems. Modular 70 Sloping Roof Glazing System. | 07.03.2003  | www.heywoodwilliams.com | <b>UK</b> 01484 487200                                 |
| Technal Viking                                                                                                                                                  | FX607G                               | Fxi Casement Window Suite: FXi 46, FXi 52, FXi 65                                                                                                    | 07.03.2003  | www.technal.co.uk       | <b>UK</b> 0113 2961400                                 |
|                                                                                                                                                                 | MC6906                               | MC Curtain Wall range (fully framed systems)                                                                                                         | 07.03.2003  |                         |                                                        |

| Supplier   | Gasket Name                                            | System Name                                                           | Date Tested | Website                              | Telephone                                                                                                                                                                                                           |
|------------|--------------------------------------------------------|-----------------------------------------------------------------------|-------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rehau      | Rehau Weldable dry gasket (possibly known as Rauprene) |                                                                       | 07.03.2003  | www.rehau.com                        | <b>Benelux, Denmark, Finland, Norway, Sweden:</b> 09131 925 392; <b>Switzerland:</b> 09131 925 483; <b>France:</b> 0033 38 70 55 807; <b>UK:</b> 0044 19 89 762641; <b>Poland:</b> 0048 618 49 8451                 |
| Santoprene | 691-62W221 (beige)                                     | For aluminium and wooden windows                                      | 22.05.2003  | www.santoprene.com                   | <b>France</b> +33-1-41-45-77-20; <b>Germany</b> +49-221-74907-0; <b>Italy</b> +39 02 8803452; <b>Poland</b> +48 22 6063972; <b>Spain</b> +34 936 002 150; <b>Sweden</b> +46-31-63-82-90; <b>UK</b> + 44 1162 896122 |
|            | 8691-58W805 (range of light colours)                   |                                                                       | 22.05.2003  |                                      |                                                                                                                                                                                                                     |
|            | 8221-60 (white)                                        |                                                                       | 22.05.2003  |                                      |                                                                                                                                                                                                                     |
|            | 8221-70 (white)                                        |                                                                       | 22.05.2003  |                                      |                                                                                                                                                                                                                     |
| DRL        | Grey Silicone Gasket                                   | DRL Curtain Wall                                                      | 23.05.2003  | www.oskomera.nl/DR                   | <b>UK</b> (0)1684 853500                                                                                                                                                                                            |
| Kawneer    | 953-272 (R5961)                                        | 1202 curtain wall, 1203 Slope glazing, and 1612 curtain wall systems. | 20.03.2003  | www.kawneereurope.com www.alcoa.com  | <b>France</b> + 33 (4)67 87 77 55; <b>Germany</b> + 49 2374 936 0; <b>Ireland</b> + 353 1 450 8809; <b>Netherlands</b> + 31 (0)341 464611; <b>UK</b> + 44 (0)1928 502500; <b>USA</b> +1 770 449-5555                |
|            | 271-921                                                |                                                                       | 01.04.2005  |                                      |                                                                                                                                                                                                                     |
|            | 953-273 (R5960)                                        |                                                                       | 20.03.2003  |                                      |                                                                                                                                                                                                                     |
| Sapa       | TPE non-lubricated gasket                              | W274E                                                                 | 01.04.2005  | www.sapagroup.com/uk/buildingsystems |                                                                                                                                                                                                                     |
|            | TPE non - Lubricated                                   | 105/87, 105/88, 105/89, 105/90, 105/91, 105/135. 105/140, 105/166     | 01.08.2005  |                                      |                                                                                                                                                                                                                     |
|            | TPR                                                    | Gasket ref. RG110                                                     | 10/2006     |                                      |                                                                                                                                                                                                                     |

**All of the lubricated gaskets have been tested for compatibility with Pilkington Activ™ in the vertical orientation. Some of the gaskets that are lubricated with a silicone emulsion have occasionally shown very low levels of leaching (<2cm). However, due to the longer residence time of water on the gasket, there is the potential for an increased level of leaching if these same gaskets used in sloped glazing.**

**Under no circumstances should extra lubricant be used during installation.**

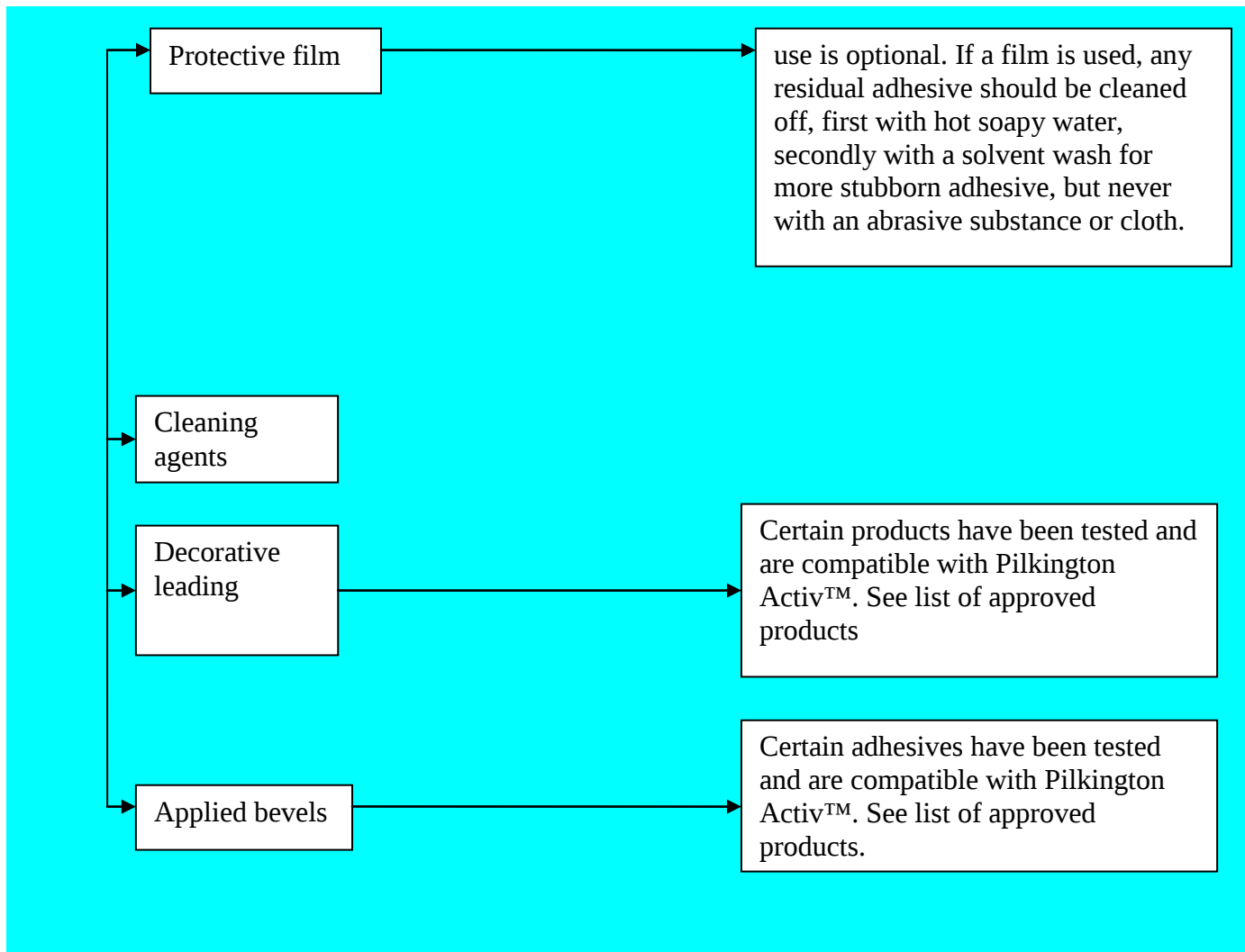
**Please check with your supplier to ensure gaskets lubricated with silicone emulsion are NOT used in sloped installations.**

**In addition to the above specific systems, there are a number of suppliers who can supply non-silicone based gaskets, if they are specifically requested. This service is available from the German offices but can be discussed with your local representative. Please put on the order "Non-silicone gaskets required for use with Pilkington Activ™."**

**These suppliers are listed below, along with their contact phone number in Germany.**

| <b>Supplier</b>                   | <b>Website</b>                                                         | <b>Telephone</b>                           |
|-----------------------------------|------------------------------------------------------------------------|--------------------------------------------|
| Aluplast                          | <a href="http://www.aluplast.de">www.aluplast.de</a>                   | +49 (0) 7243 7742421                       |
| Brüggmann                         | <a href="http://www.brueggmann.de">www.brueggmann.de</a>               | +49 (0) 8245 520                           |
| Gealan                            | <a href="http://www.gealan.com">www.gealan.com</a>                     | +49 (0) 9286 774130                        |
| Gutmann                           | <a href="http://www.gutmann-aluminium.de">www.gutmann-aluminium.de</a> | +49 (0) 9141 992621<br>+49 (0) 9194 992622 |
| Heroal                            | <a href="http://www.heroal.de">www.heroal.de</a>                       | +49 (0) 5246 507238                        |
| Hueck/Hartmann                    | <a href="http://www.eduard-hueck.de">www.eduard-hueck.de</a>           | +49 (0) 2351 1510                          |
| Klima Flex                        | <a href="http://www.klimaflex.de">www.klimaflex.de</a>                 | +49 (0) 7171-97614-59                      |
| Kömmerling, KBE, Trocal (Profine) | <a href="http://www.profine-group.com">www.profine-group.com</a>       | +49 (0) 6331 562598                        |
| Raico                             | <a href="http://www.raico.de">www.raico.de</a>                         | +49 (0) 8265-911-0                         |
| Rehau                             | <a href="http://www.rehau.com">www.rehau.com</a>                       | +49 (0) 9131 925628                        |
| Reynaers                          | <a href="http://www.reynaers.com">www.reynaers.com</a>                 | +49 (0) 2043 96400                         |
| Salamander                        | <a href="http://www.brueggmann.de">www.brueggmann.de</a>               | +49 (0) 8245 520                           |
| Schüco                            | <a href="http://www.schueco.de">www.schueco.de</a>                     | +49 (0) 521 783864                         |
| Solarlux                          | <a href="http://www.solarlux.com/">www.solarlux.com/</a>               | +49 (0) 5402-400-0                         |
| Sykon                             | <a href="http://www.sykon.de">www.sykon.de</a>                         | +49 (0) 5223-9818-18                       |
| TS Aluminium                      | <a href="http://www.ts-alu.de/">www.ts-alu.de/</a>                     | +49 (0) 4943-9191-1                        |
| Veka                              | <a href="http://www.veka.de">www.veka.de</a>                           | +49 (0) 2526 294690<br>+49 (0) 2526 294620 |
| Wicona                            | <a href="http://www.wicona.de">www.wicona.de</a>                       | +49 (0) 731 3984174                        |

## 4. Miscellaneous



### 4.1 Protective Films

| Supplier                | Product Name              | Date Tested | Website                                                          | Telephone                                                                 |
|-------------------------|---------------------------|-------------|------------------------------------------------------------------|---------------------------------------------------------------------------|
| Nava Center Oy          | Navaflex 15-1             | 01.12.2002  | <a href="http://www.navacenter.com">www.navacenter.com</a>       | <b>Finland</b> +358 (0)8 443 596                                          |
| Nitto                   | AP4058RL                  | 01.12.2002  | <a href="http://www.nittoeurope.com">www.nittoeurope.com</a>     | <b>France</b> 0297 46 92 00 (MEI)                                         |
| Novacel                 | 4331                      | 01.03.2005  | <a href="http://www.novacel.fr">www.novacel.fr</a>               | <b>UK</b> +44 (0)1582 490945<br>Head office France<br>+33(0)2 32 82 72 32 |
| Shand Higson            | 2903                      | 17.04.2003  | <a href="http://www.shandhigson.co.uk">www.shandhigson.co.uk</a> | <b>UK</b> +44 (0)151 207 5661                                             |
| Spraylat                | Glasstrip UV Resist PC100 | 01.12.2004  | <a href="http://www.spraylat.co.uk">www.spraylat.co.uk</a>       | <b>UK</b> +44 (0)1536 408409                                              |
|                         | Glasstrip 785-3           | 01.01.2006  |                                                                  |                                                                           |
| White Mango Enterprises | PAW 55                    | 01.06.2003  | <a href="http://www.whitemango.com">www.whitemango.com</a>       | <b>UK</b> +44 (0) 20 8861 9486                                            |

Many have been tested, and in general any film with an acrylic adhesive should be compatible.

## 4.2 Leading / Bevels

| Supplier     | Product Name                                                  | Date Tested | Website            | Telephone                                                                                               |
|--------------|---------------------------------------------------------------|-------------|--------------------|---------------------------------------------------------------------------------------------------------|
| Regalead     | Natural 9mm Oval Antique<br>9mm Oval                          | 26.02.2003  | www.regalead.co.uk | <b>UK</b> 0161 946 1164                                                                                 |
| Decra Led    | any lead applied with the<br>adhesives listed below           | 01.03.2004  | www.decraled.co.uk | <b>Poland</b> +48 (0 prefix 55)<br>235 19 25; <b>UK</b> 0161 368<br>4491; <b>USA</b> +1 608 742<br>8386 |
|              | Premium Lead Strip<br>Adhesive                                | 01.03.2004  |                    |                                                                                                         |
|              | Alpha Lead Strip Adhesive                                     | 01.03.2004  |                    |                                                                                                         |
|              | Hi-Tac Lead Strip Adhesive                                    | 01.03.2004  |                    |                                                                                                         |
| Regalead     | RB 334 bevel. Applied by<br>UVTek 410 Visible Light<br>Curing | 26.02.2003  | www.regalead.co.uk | <b>UK</b> 0161 946 1164                                                                                 |
|              | RB 334 bevel. Applied by<br>UVTek FC 700 UV Curing            | 26.02.2003  |                    |                                                                                                         |
|              | RB 334 bevel applied by<br>UVTek 116 UV Curing                | 26.02.2003  |                    |                                                                                                         |
| Decra Led    | Permabond                                                     | 01.03.2004  | www.decraled.co.uk | Poland +48 (0 prefix 55)<br>235 19 25; UK 0161 368<br>4491; USA +1 608 742<br>8386                      |
| Remco Chemie | Remcolin Siebreiniger<br>Screen Print Cleaner                 | 01.12.2002  |                    | <b>Germany</b> 062 216 4850                                                                             |

## 4.3 Specialist Processing

| Product Type                                                 | Supplier   | Contact                                                                | Website             | Telephone                                                                                                    |
|--------------------------------------------------------------|------------|------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------|
| Curved<br>Toughened,<br>Concave &<br>convex, Single<br>& IGU | Toughglass | <a href="mailto:emmanuelb@toughglass.com">emmanuelb@toughglass.com</a> | www.toughglass.com  | <b>UK</b> + 44 (0)28 4176 0918;<br><b>ROI</b> + 353 (0)1 466 2560;<br><b>Export</b> + 353 (0) 86 386<br>2366 |
| Sag Bending,<br>toughened                                    | Novaglaze  | <a href="mailto:sales@novaglaze.co.uk">sales@novaglaze.co.uk</a>       | www.novaglaze.co.uk | UK +44 (0)845-850-2363                                                                                       |
| Sag Bending,<br>annealed                                     | Jean Gobba | <a href="mailto:jean.gobba@gobba.com">jean.gobba@gobba.com</a>         | www.gobba.com       | <b>France</b> +33 4 74 05 98 00                                                                              |

## 4.4 List of Approved Cleaning Agents

|                               |                               |                                 |
|-------------------------------|-------------------------------|---------------------------------|
| Ajax 3-Fach Aktiv             |                               | Sonalsol Vidros/Sonasl Vidos    |
| Ajax Antistatic               | HG glazenwasser, HG le lave   | e Superficies (Pt)              |
| Ajax Citrofrish               | vitre des Pros                | Sidolin Christal                |
| Ajax Fete Des Fleurs          | HG window cleaner, HG         | Sidolin Zitrus                  |
| Ajax Glass Universal double   | fensterputzer                 | Safeway Vetca Window            |
| action                        |                               | cleaner                         |
| Ajax Glasrein Zitro-Frisch    | Innotec Easy Clean            |                                 |
| Ajax Kristall                 |                               | Spontex Glass Wipes             |
| Ajax Streak free Professional | Kent Glas Kleen 40-1          |                                 |
| Glass Cleaner                 | Superkonzentrat               | Spray Clean Glass Universal     |
| Ajax Tip-Top                  | Kent Glas Kleen Netoie        |                                 |
| Ajax Window cleaner           | Vitres                        | UVTek Professional Glass        |
|                               | Kent Rotanium Soft Surface    | cleaner                         |
| Bluesky glass cleaner         | cleaner (article No.83950)    |                                 |
| Bluesky Sky Shield            | Kent Surface Cleaner (article | Wilko Window cleaner            |
|                               | No.83926)                     |                                 |
| Bohle Glasreiniger            | Kristall Fenster              | Windowlene spray (original)     |
| BO5107800                     |                               | Windowlene Wipes for glass      |
|                               |                               | and shiny surfaces              |
| CIF Window Wipes              | Mr Muscle Window cleaner      |                                 |
|                               |                               | Zack Glasreiniger               |
| Cleani Glass Universal        | Nationwide Glass cleaner      |                                 |
|                               |                               | <b>Wurth Cleaners Available</b> |
| Cosmofen 10 and 20 (with      | Nova Window cleaner           | <b>from:-</b>                   |
| water rinse)                  |                               | Winzer Wurth Industrial Ltd,    |
|                               | Ritec Glass cleaner           | Catteshall Lane, Godalming,     |
| Decra clean                   |                               | Surrey, GU7 1NP.                |
|                               | <b>Brand names of Sidolin</b> | Tel: 01483 412800               |
| Denk Mit Glasreiniger         | <b>cleaners from Henkel:</b>  | email:sales@winzerwurth.co.uk   |
|                               | Sidolin 2 Phasen (DE)         | Active glass cleaner            |
| Domol Glasklar                | Sidolin Streifenfrei          | (No.890.25)                     |
|                               | Ahtivschaum (DE)              | Ready diluted glass cleaner     |
| Elite Force 2000 UPVC         | Sidolin Streifenfrei Cristal  | (No.892.332.840)                |
| cleaner                       | (DE)                          | Cleaner type 10                 |
| Elite Force Extra Strength    | Sidolin Streifenfrei Zitrus-  | (No.892.100.10)                 |
|                               | Frisch (DE)                   | Cleaner type 20                 |
| Ettore Squeegee off           | Instanet Ruiten/Instanet      | (No.892.100.11)                 |
| (concentrate)                 | Ruiten Citron (B, NL)         |                                 |
|                               | Clin Windows/Clin Universal   |                                 |
| Fenosol S10 (for PVC)         | (Austria, Eastern Europe)     |                                 |
| Frosch Spiritus Glas-Reiniger | Bref Vitre/Bref Vitre Citron  |                                 |
|                               | (F)                           |                                 |
| Graffiti Wipes (Ritec         | Bref Multiuso (IT)            |                                 |
| international)                | Tenn Crystales e              |                                 |
| Gunge Wipes (Ritec            | Superficies/Tenn Multiuso (S) |                                 |
| international)                |                               |                                 |

## **IMPORTANT NOTICE**

The use of silicone removers / abrasive cleaners on Pilkington Activ™ is considered as a remedial action which should only be undertaken after consultation with the Pilkington Technical Advisory Service. Due to the nature of these materials, work should only be undertaken after reading the manufacturers' relevant safety literature. Pilkington cannot guarantee the effectiveness of the treatment or the effect the treatment will have on the coating as this will be severely affected by factors outside Pilkington's control, for example the nature and amount of the deposit.

The use of silicone eaters will not solve the problem if the original source of contamination is still present.

**Di Aqua Forte Silicone Eater**

**Radora Brillant Fensterglanz – Slightly Abrasive -Contact: Klaus Messmer + 497531 7 71 36**

## **5. Available Products with Pilkington Activ™**

### **5.1 Pilkington Activ™ Products**

Pilkington **Activ™** Clear – **4mm, 6mm, 8mm, 10mm**

Pilkington **Activ™** Blue - **4mm, 6mm, 10mm**

Pilkington **Activ Suncool™** 40/22 - **6mm, 8mm, 10mm**

Pilkington **Activ Suncool™** Blue 50/27 - **6mm, 8mm, 10mm**

Pilkington **Activ Suncool™** 30/17 - **6mm, 8mm, 10mm**

Pilkington **Activ Suncool™** Silver 50/30 - **6mm, 8mm, 10mm**

Pilkington **Activ Suncool™** 70/35 - **6mm, 8mm, 10mm**

Pilkington **Activ Suncool™** 70/40 - **6mm, 8mm, 10mm**

Pilkington **Activ™** Neutral - **4mm, 6mm**

Pilkington **Activ Optitherm™** S3 - **various thicknesses and interlayers from 6.4 – 12.8**

Pilkington **Activ Optilam™** - **various thicknesses and interlayers from 8.8 – 12.8**

Pilkington **Activ Suncool Optilam™** (coatings and thicknesses as above)

Pilkington **Activ Optilam™** S3 - **various thicknesses and interlayers from 8.8 – 12.8**

Pilkington **Activ Optiphon™** - **various thicknesses and interlayers from 8.8 – 12.8**

Pilkington **Activ Optilam™** K - **various thicknesses and interlayers from 8.8 – 12.8**

## 5.2 Possible Combinations

It is possible to combine Pilkington Activ™ with other products to obtain additional benefits. Please contact your IGU supplier.

|                                        |                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Energy Management - Thermal Insulation | <b>IGUs containing:</b><br>Pilkington Activ™ with Pilkington <b>K Glass™</b> as the inner pane<br>Pilkington Activ™ with Pilkington <b>Optitherm™</b> as the inner pane<br>Pilkington <b>Activ Optitherm™</b> as a dual coated product                                                                                                                                    |
| Energy Management - Solar Control      | <b>Dual coated products:</b><br>Pilkington <b>Activ Suncool™</b> Range<br>Pilkington <b>Activ. Neutral</b><br>Pilkington <b>Activ™ coating on Tinted Glass :</b><br>Pilkington <b>Activ™ Blue</b><br><b>Laminated products using:</b><br>Tinted PVB interlayers (subject to thermal stress calculations)<br>Tinted glass laminated to Pilkington <b>Activ™</b> (as above) |
| Safety & Security                      | Pilkington <b>Activ™</b> can be toughened or laminated                                                                                                                                                                                                                                                                                                                    |
| Noise Control                          | <b>IGUs containing:</b><br>Pilkington <b>Optiphon™</b> can be made with Pilkington <b>Activ™</b>                                                                                                                                                                                                                                                                          |
| Decoration                             | <b>Obscuration:</b><br>Pilkington <b>Activ™</b> laminated to Pilkington <b>Stippolyte™</b><br><b>Colouration:</b><br>Pilkington <b>Activ™</b> laminated with tinted PVB interlayers<br>Tinted glass laminated to Pilkington <b>Activ™</b>                                                                                                                                 |
| Fire Protection                        | Please contact our technical support staff on 01744 692000 for advice                                                                                                                                                                                                                                                                                                     |