



PILKINGTON

NSG Group Flat Glass Business

Technical Information

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GLASS SPECIFICATION GUIDELINES

REFLECTIVE GLASS

All reflective glass designated on the drawings shall be 1/4" thick _____ (Clear, Blue-Green, Bronze, Grey, Pilkington **EverGreen**[™], Pilkington **Arctic Blue**[™], or Gold) Pilkington **Eclipse Advantage**[™] Reflective Low-E Glass with the reflective coating on the #2 surface, as manufactured by Pilkington North America, Inc. The center-of-glass area will provide the following performance characteristics:

- Winter U-Factor not to exceed _____ Btu/(hr.sq.ft°F).
- Summer U-Factor not to exceed _____ Btu/(hr.sq.ft°F).
- Average Visible Light transmittance of _____ %.
- Solar Heat Gain Coefficient not to exceed _____ .

The reflective coating will meet the coating quality specifications of ASTM C 1376-03 "Standard Specification for Pyrolytic and Vacuum Deposition Coatings on Float Glass".

LOW-E GLASS

All Low-E glass designated on the drawings shall be _____ thick (Pilkington **Energy Advantage**[™] Low-E Glass, or Pilkington **Solar E**[™] Solar Control Low-E Glass) with the coating on the _____ (#2 or #3) surface as manufactured by Pilkington North America, Inc. The center-of-glass area will provide the following performance characteristics:

- Winter U-Factor not to exceed _____ Btu/(hr.sq.ft°F).
- Summer U-Factor not to exceed _____ Btu/(hr.sq.ft°F).
- Average daylight transmittance of _____ %.
- Solar Heat Gain Coefficient not to exceed _____ .

The Low-E coating will meet the coating quality specifications ASTM C 1376-03 "Standard Specification for Pyrolytic and Vacuum Deposition Coatings on Flat Glass".

TRANSPARENT MIRRORS

All transparent mirrors designated on the drawings shall be ¼” Pilkington **Mirropane**[™] One-Way Mirror as manufactured by Pilkington North America, Inc. in the sizes noted. The reflective coating shall meet the quality specifications as published by the manufacturer.

FLOAT GLASS

All float glass designated on the drawings shall be _____ thick _____ (Pilkington **Optifloat**[™] Clear, Blue-Green, Grey, Bronze, or: Pilkington **EverGreen**[™], Pilkington **Arctic Blue**[™], or Pilkington **SuperGrey**[™]) float glass as manufactured by Pilkington North America, Inc. Float glass shall meet the requirements of ASTM C 1036 “Standard Specification for Flat Glass”.

The information contained in this bulletin is offered for assistance in the application of Pilkington flat glass products, but **IT DOES NOT CONSTITUTE A WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE**. Actual performance may vary in particular applications.