

Low E coating Guardian CG70 / Guardian iS20 change effective February 2024
Massachusetts Energy Code Compliance
Standard Glass Packages

Series 4000 & 4500 Duragard XT Double Hung

Dual Glazed

Neopor Foam in Sash and Head of Frame
CG 70 Low E DSB/Arg/iS 20 Low E 3/4" IG
U-Factor: 0.24
SHGC: 0.26NG/0.24G
VT: 0.51NG/0.45G
CR: 50
Air Leakage 0.06

Tri-Max**

Neopor Foam in Sash and Head of Frame
Low E CG70 DSB/Arg/Clr SSB/Arg/Low E CG70 DSB 1" IG
U-Factor: 0.20
SHGC: 0.24NG/0.22G
VT: 0.41NG/0.36G
CR: 71
Air Leakage 0.06

Series 7000 & 7500 Trustgard Casement

Dual Glazed

No Foam
CG 70 Low E DSB/Arg/iS 20 Low E 3/4" IG
U-Factor: 0.24
SHGC: 0.23NG/0.21G
VT: 0.43NG/0.39G
CR: 51
Air Leakage 0.07

Tri-Max**

No Foam
Low E CG70 DSB/Arg/Clr SSB/Arg/Low E CG70 DSB 1" IG
U-Factor: 0.21
SHGC: 0.21NG/0.19G
VT: 0.35NG/0.32G
CR: 74
Air Leakage 0.02

SHGC = Solar Heat Gain Coefficient VT = Visible Transmittance

Series 4100 & 4600 Duragard XT Horizontal Slider

Dual Glazed

No Foam
CG 70 Low E DSB/Arg/iS 20 Low E 3/4" IG
U-Factor: 0.24
SHGC: 0.26NG/0.24G
VT: 0.51NG/0.45G
CR: 50
Air Leakage 0.08

Tri-Max**

No Foam
Low E CG70 DSB/Arg/Clr SSB/Arg/Low E CG70 DSB 1" IG
U-Factor: 0.21
SHGC: 0.24NG/0.22G
VT: 0.41NG/0.37G
CR: 70
Air Leakage 0.08

Series 7100 & 7600 Trustgard Awning

Dual Glazed

No Foam
CG 70 Low E DSB/Arg/iS 20 Low E 3/4" IG
U-Factor: 0.24
SHGC: 0.23NG/0.21G
VT: 0.43NG/0.39G
CR: 49
Air Leakage 0.07

Tri-Max**

No Foam
Low E CG70 DSB/Arg/Clr SSB/Arg/Low E CG70 DSB 1" IG
U-Factor: 0.21
SHGC: 0.21NG/0.19G
VT: 0.35NG/0.32G
CR: 75
Air Leakage 0.03

CR = Condensation Resistance

Series 4200 & 4700 Duragard XT Picture

Dual Glazed**

No Foam
CG 70 Low E DSB/Arg/iS 20 Low E 3/4" IG
U-Factor: 0.22
SHGC: 0.25NG/0.25G
VT: 0.49NG/0.49G
CR: 49
Air Leakage 0.02

Tri-Max**

No Foam
Low E CG70 DSB/Arg/Clr SSB/Arg/Low E CG70 DSB 1" IG
U-Factor: 0.19
SHGC: 0.26NG/0.23G
VT: 0.44NG/0.39G
CR: 72
Air Leakage 0.02

Series 1005 & 1006 Trustgard Patio Door

Dual Glazed**

No Foam
CG 70 Low E DSB/Arg/iS 20 Low E 1" IG
U-Factor: 0.25
SHGC: 0.27NG/0.24G
VT: 0.53NG/0.46G
CR: 47
Air Leakage 0.16

Series 1100, 1200 & 1300 Corsair Patio Door

Dual Glazed**

No Foam
CG 70 Low E DSB/Arg/iS 20 Low E 1" IG
U-Factor: 0.26
SHGC: 0.25NG/0.22G
VT: 0.48NG/0.42G
CR: 49
Air Leakage 0.16

International Energy Conservation Code 2021

**Energy Star 7.0 Compliant