

SunGuard® SuperNeutral

SN 40/23



High on your list for low heat gain

SunGuard® SuperNeutral (SN) 40/23 is a high selectivity products that combines very high natural light transmission while ensuring energy savings through solar protection and thermal insulation. With a neutral transmitted and reflected colour, the product is ideal for full facade glazing and roof glazing. SN 40/23 is available in heat-treatable and annealed forms, offering similar performances and appearance uniformity.

Product Information

Substrate

Base Glass/Thickness

Guardian ExtraClear/4-12 mm
Guardian UltraClear/4-12 mm

Applications

Facades / Windows / Doors / Curtain Walls / Roofs

Manufacturing options

Annealed / Heat Treated and TPF (Temporary Protective Film) for processing prior to tempering for HT versions / Laminated / Bent

Recommended Coating Positions

Surface 2 (double IGU) Surface 2 (triple IGU)

Maximum Size

<3210x6000mm

Edge Deletion

Yes

Glass type

Double Silver Coated Glass

Glass functions

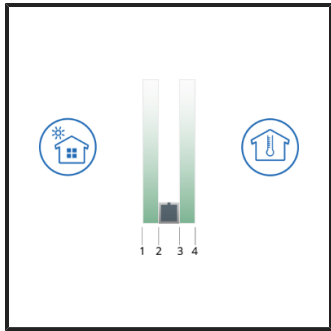
Solar Control Thermal Insulation

Fabrication options

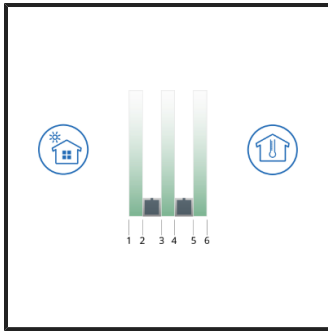
Must be used in Insulating Glass Units

Appearance

Neutral blue



Double Glazed



Triple Glazed

| Visible light | | | | Ultraviolet | Solar Energy | | | | | | | Thermal Properties |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|------------------------------------|-----------------|---------------|-------------|---------|-------------|------------------|--------------------------|------------------------------|--------------------|
| Transmittance | Reflectance | | General Color Rendering Index (Ra) | Trans UV(tuv %) | Transmittance | Reflectance | | Absorptance | Solar Factor(g%) | Shading Coefficient (sc) | Secondary Heat Transfer (qi) | U-Value |
| Visible (tv %) | pv % out | pv % in | | | Solar (te %) | pe % out | pe % in | Solar(ae %) | | | | Ug W/m²·K |
| Double Glazed: 6-16-4 SunGuard® SuperNeutral SN 40/23 on Guardian ExtraClear #2, Guardian ExtraClear, 90% Argon fill | | | | | | | | | | | | |
| 40.0 | 15.6 | 32.0 | 91.0 | 12.8 | 21.1 | 35.9 | 49.6 | 42.9 | 23.4 | 0.27 | 2.2 | 1.0 |
| Triple Glazed: 6-14-4-14-4 SunGuard® SuperNeutral SN 40/23 on Guardian ExtraClear #2, Guardian ExtraClear, ClimaGuard Premium2 on Guardian ExtraClear #5, 90% Argon fill | | | | | | | | | | | | |
| 36.6 | 16.4 | 32.1 | 90.3 | 8.1 | 18.5 | 36.4 | 45.6 | 45.1 | 21.3 | 0.24 | 2.8 | 0.6 |

The performance values shown are nominal and subject to variations due to manufacturing tolerances. Spectra-photometric values according to EN 410:2011 , EN 673:2011 / Metric.



19, rue du Puits Romain L-8070 Bertrange Grande-Duchy de Luxembourg
Phone: +352 27 86 32 60 e-mail: information@guardian.com

All trademarks noted are owned by, licensed to or used with permission by Guardian Glass.
©2021 Guardian Glass, LLC

Published Date: 16-Nov-2021

www.guardianglass.com

The products in this publication are sold subject to Guardian's standard terms and conditions of sale and any applicable written warranties (available at www.guardianglass.com or from your local Guardian representative upon request). It is the responsibility of the purchaser to confirm that the products are suitable for their intended application in compliance with the applicable laws and regulations. Please contact your local Guardian representative to obtain any applicable handling and fabrication guides and for the most current product information.