



INVISI-G

DESCRIPTION

Have you ever found yourself peeking through the glass with your hands covering your face, trying to clearly identify that beautiful style of your favorite clothing brand or the intricate workmanship of your long-desired watch model? Turns out, conventional uncoated glass or ultra-clear glass can have up to 8% internal and external reflection, which makes it difficult to clearly look through them. INVISI-G has a residual external and internal reflection of less than 1%! Our glass is so clear that you can't see it, making it ideal for store fronts, display cases and paintings. We can process these panels to be toughened, heat-strengthened, bent, insulated or laminated to suit your safety requirements as well.

PRODUCT FAMILY

1. INVISI-G MONO: Dual-coated (#1 and #2) anti-reflective glass, suitable for use as monolithic glazing
2. INVISI-G LAM: Laminated anti-reflective glass, made with two single-coated (#1 and #4) glasses

GENERAL CHARACTERISTICS

FEATURE	DESCRIPTION
Coating Type	Magnetron Sputtered Vapour Deposited (MSVD)
Coating Face	Dual coated (for monolithic or insulated use) or single-side coated (for laminated use)
Glass Thickness Range	4 mm to 12 mm
Laminated Thickness Range	8.38 mm to 24.76 mm
Residual Reflection	Less than 0.50% on each side*
Colour Rendering Index	More than 98%
Edge Finish	Arissed, rough ground or super polished
Additional Process Compatibility	Ceramic-frit, digitecture™ digital printing, sand-blasting, acid-etching, holes, cutouts and notches
Product Enhancement	Can be converted to GLASSHIELD, CURVESHIELD, FACADESHIELD, CLIMACOOOL, BURGLARSHIELD, BULLETSHIELD and BLASTSHIELD

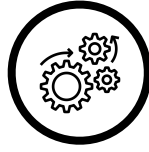
* Please note that in multi-glazed units, to achieve less than 1% unit reflection all sides that are exposed to air need to be coated and all sides encapsulated in a laminate need to be uncoated.

UNIQUE SELLING POINTS



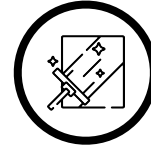
CLEAREST POSSIBLE VIEW

Less than 1% reflection and more than 98% CRI



PROCESSING CAPABILITY

Can be heat-treated, insulated and/or laminated



EASY TO MAINTAIN

Robust coating makes it easy clean and maintain

DIMENSIONS

FEATURE	DESCRIPTION
Minimum Size	200 mm X 300 mm
Maximum Size	2235 mm X 3160 mm (both side coated)
	2500 mm X 5100 mm (single side coated)

LABELLING

Each piece of INVISI-G shall be permanently labeled with the FG logo, process type and relevant standard description. In cases where the glass is made under a specific listing, the same shall be incorporated in the label. Order-specific labeling is also possible, under certain terms and conditions.

STANDARDS

INVISI-G is manufactured as per BIS 2553: Part 1 (2018), EN 12150, EN 1863, EN 1279, EN 12543, ASTM C1048, ASTM E2190, ASTM C1172 and/or AS/NZS 2208: 1996.

LISTINGS

1. Bureau of Indian Standards IS 2553: Part 1 (2018) - License Number 78001028
2. StandardsMark License AS/NZS 2208: 1996 - License Number SMK41109

STORAGE

INVISI-G requires storage vertically in a covered, dry area, unexposed to rain and dust. Each sheet of INVISI-G should be separated with the help of non-adhesive transferring cork/rubber pads. Prolonged storage without separation or with paper separation may result in permanent and irreversible damage to the glass surface.