

DATA SHEET

Cleartec AR

Sapphire AR is available with either one or two-sided anti-reflective coating low iron soda-lime float glass substrate. One side coated products are used for bonding and lamination, while the two-sided products are used for general applications. Cleartec AR easy to process and has neutral-blue uniform reflectance color that remains stable under various viewing angles. This product can be used for many applications - electronic displays, museums, installations, showcases, storefront displays, cold storage, separation walls, architecture etc.

Optical Properties

Optical performance and additional information about the products are described below:

VISIBLE LIGHT TRANSMISSION (380-780NM) ACCORDING TO EN410)			VISIBLE LIGHT TRANSMISSION @ 8° (380-780NM) ACCORDING TO EN410)		
	One Sided	Double Sided		One Sided	Double Sided
3mm	≥ 94.5%	≥ 98.3%	3mm	≤ 4.7%	≤ 1.0%
4mm	≥ 94.4%	≥ 98.1%	4mm	≤ 4.7%	≤ 1.0%
5mm	≥ 94.2%	≥ 97.9%	5mm	≤ 4.7%	≤ 1.0%
6mm	≥ 94.1%	≥ 97.7%	6mm	≤ 4.7%	≤ 1.0%
8mm	≥ 93.7%	≥ 97.4%	8mm	≤ 4.7%	≤ 1.0%
10mm	≥ 93.4%	≥ 97.1%	10mm	≤ 4.7%	≤ 1.0%
12mm	≥ 93.1%	≥ 96.8%			

Reflection Colour	Neutral Blue
Glass Substrate Type	Low Iron

Mechanical & Chemical Properties

The substrate used for products complies to EN 572, and Cleartec is manufactured to comply with ISO 1096-2 Class A.

Performance of product is listed below:

Temperable	✓
Bendable	Optional
Weather resistance	Pass (according to EN 1096-21)
Neural salt spray	Pass (according to EN 1096-21)
Acid rain test	Pass (according to EN 1096-21)
UV & Condensation	Pass (according to EN 1096-21)
Abrasion resistance	Pass (according to EN 1096-21)