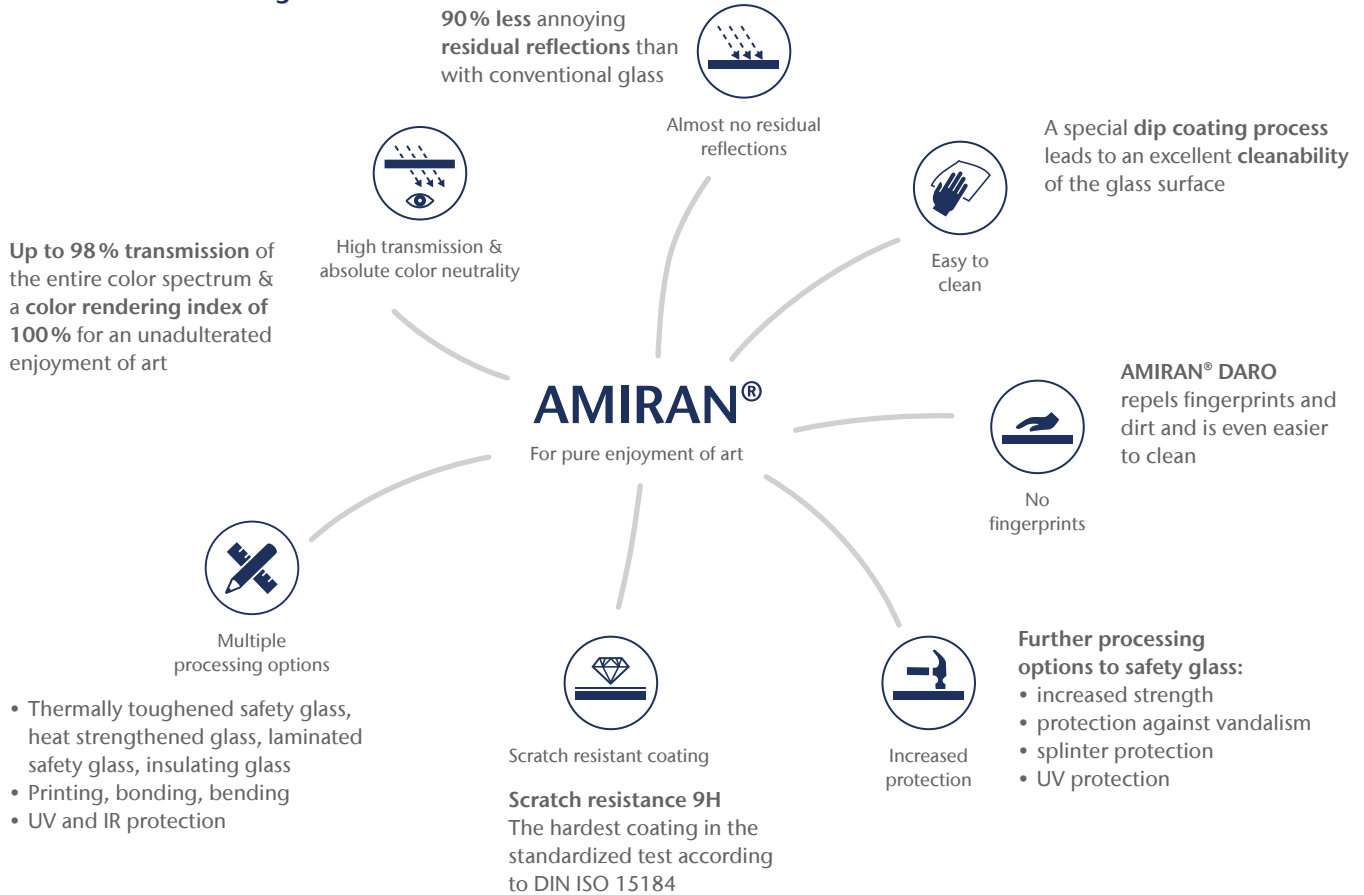


SCHOTT AMIRAN® – Anti-Reflective Glass for Showcases

Technical Data Sheet

Product benefits at a glance



Quality made in Germany

Museums, collections and galleries all over the world have been relying on SCHOTT AMIRAN® for over decades. The almost invisible optical interference anti-reflective glass protects valuable objects without disturbing the pleasure of looking at them.

The unique hard coating technology from SCHOTT ensures maximum scratch resistance by burning in the applied layers.

A variety of processing options allow customised adaptations for e.g. increased UV protection, showcases made of curved AMIRAN® or even defined protection against vandalism.

A product from production to sales made in Germany.







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Technical Data Sheet

Base material: Extra-clear low-iron float glass

Processing options: Thermally toughened safety glass / heat strengthened glass / laminated safety glass / curved glass / alarm glass / security glazing / screen printing / drilling of holes / edge processing

	Max. net dimensions	Thickness	Glass substrate	Luminous reflectance	Luminous transmittance	Color rendering index	UV transmittance
				ρ_{VD65} %	τ_{VD65} %	R_a	τ_{UV} %
	mm x mm	mm					
 AMIRAN®	3,770 x 1,770	4, 5, 6, 8, 10, 12	Extra-clear low-iron float glass*	1	98	100	63
 AMIRAN® Thermally toughened safety glass / heat strengthened glass	3,770 x 1,770	4, 5, 6, 8, 10, 12	Extra-clear low-iron float glass*	1	98	100	63
 AMIRAN® Laminated safety glass with a PVB film	3,770 x 1,770	Dependant on assembly	Extra-clear low-iron float glass*	1	97	100	1
 Optional with DARO	1,220 x 885 larger dimensions on request	4, 5, 6	Extra-clear low-iron float glass*	1	98	100	63

Conventional float glass in comparison

Monolithic glass	Dependant on the manufacturer	Dependant on the manufacturer	Float glass Extra-clear low-iron float glass*	approx. 8	90	98	70
				approx. 8	91	99	86

* particularly low-iron oxide, very clear float glass

- The values refer to a glass thickness of 4 mm for monolithic glasses.
The structure selected for laminated safety glass is 4 / 0.76 / 4 mm.
- The values are calculated based on the standards DIN EN 410.