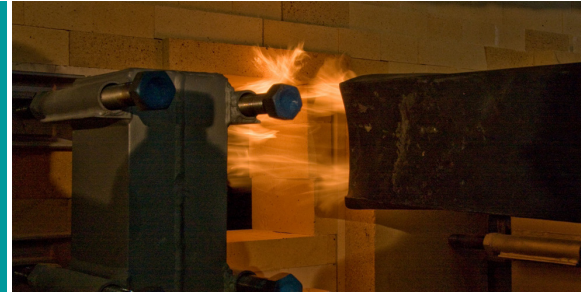


The latest generation float glass

Scheuten Float



january 2018

Technical specifications

Product name		Scheuten Float 3 mm	Scheuten Float 4 mm	Scheuten Float 5 mm	Scheuten Float 6 mm	Scheuten Float 8 mm	Scheuten Float 10 mm	Scheuten Float 12 mm
Thickness								
Day light								
Light transmission (τ_v)	(%)	91	91	90	90	89	89	88
Exterior light reflection ($\rho_{v;ext}$)	(%)	8	8	8	8	8	8	8
Interior light reflection ($\rho_{v;int}$)	(%)	8	8	8	8	8	8	8
Colour rendering index (R_a)								
Translucency	(%)	100	100	99	99	99	99	99
Solar light and energy								
Direct energy transmission (τ_e)	(%)	88	87	86	85	83	82	80
Direct energy reflection ($\rho_{e;ext}$)	(%)	8	8	8	8	8	7	7
Direct energy reflection ($\rho_{e;int}$)	(%)	8	8	8	8	8	7	7
Energy absorption (α_e)	(%)	4	5	6	7	9	11	13
Total energy transmission (g)	(%)	89	88	88	87	86	84	83
Thermal insulation, U_g-value								
Thermal insulation (U _g)	(W/m ² K)	5,8	5,8	5,7	5,7	5,6	5,6	5,5

Optical and thermal properties are based on EN 410 and EN 673.

Light-technical or energetic specifications are subject to tolerances. Please apply to our sales department for details.

Thicknesses listed are standard, other thicknesses on request.