











artglass

ARCHITECTURE

Technical Performance Data for Monolithic, Laminated, Double-Glazing:


	Glass type	Structure	Maximum sizes		Thicknesses [mm]	Visual coefficient of reflection $P_v(D65)$ [%]	Light transmittance $T_v(D65)$ [%]	UV transmission $T_{uv}(EN410)$ [%]	U-value U_g [W/m^2K]	Solar heat gain coefficient g [%]	Shading coefficient [%]	General color rendering index R_a
			meters	inches								
Monolithic	Regular Float		according to manufacturer		4	8.0	90	58	5.8	85	97	98
	Artglass AR™		3.21 x 2.25	126 x 88	3, 4, 5, 6, 8, 10, 12	1.0	98	28	5.8	79	91	99
	Artglass AR™ tempered					1.0	98	31	5.8	81	93	99
Laminated	Artglass AR Protect™ PVB		3.21 x 2.25	126 x 88	dependent on combination	1.0	98	<1 possible	5.7	81	94	99
	Artglass AR Protect™ multi-laminated, PVB				dependent on combination	1.0	dependent on combination					
Double Glazed Units (DGUs)	Ordinary DGUs		according to manufacturer		according to manufacturer	15	82	43	2.8	74	85	96
	Artglass AR™ DGU's with tempered glass		3.21 x 2.25	126 x 88	combinations of the above panes of glass	1.6	97	17	2.8	72	83	98
	Artglass AR™ DGU's with laminated glass					1.6	97	<1 possible	2.7	73	83	99
	Artglass AR™ DGU's with NIR-Block/Low-E					1.9	91	13	1.7 (argon gas filled)	70	81	99
	Artglass AR™ DGU's with Soft Low-E					2.0	90	17	1.1 (argon gas filled)	61	70	97


Legend  Single pane  Artglass™ anti-reflective coating  PVB interlayer  Spacer  NIR-Block/Low-E layer  Soft Low-E coating


- All calculations based on 4mm thick glass.
- The values are calculated based on the Standard DIN EN 410 and precise values can slightly vary.
- Maximum sizes are for coated glass. Maximum size for DGUs depend on respective processor.
- Available also on regular float substrate.

SEE WHAT'S IMPORTANT

Groglass SIA
Katlakalna 4B, Riga
LV-1073, Latvia
T +371 67502910
F +371 67502911
sales@groglass.com

 Groglass

 @Groglass

 Groglass

www.groglass.com