

ARDOREX® – FIRE PROTECTION

No.	Product name	Glass Build-Up Outer/Cavity/Mid/Cavity/Inner	EN 673	EN 410					EN ISO 717-1	Thickness mm	Weight kg/m ²
			U _g -Value	Light transmission	g-Value	Light Reflection external	Light Reflection internal	Colour Rendering Index _{Ra}	Sound Insulation R _w / C / C _r		
			W/(m ² K)	%	%	%	%		dB		
234	ARDOREX® Arnold Fire EI 30.12 /	Laminated glass	4,9	≤ 86	≤ 71	≤ 8	≤ 8	98	43	≥ 22	≥ 40
235	ARDOREX® Arnold Fire EI 30.15 /	Laminated glass	4,8	≤ 86	≤ 70	≤ 8	≤ 8	98	43	≥ 25	≥ 43
236	ARDOREX® Arnold Fire EI 60.18 /	Laminated glass	4,6	≤ 85	≤ 69	≤ 8	≤ 8	98	44	≥ 28	≥ 46
237	ARDOREX® Arnold Fire EI 60.22 /	Laminated glass	4,5	≤ 85	≤ 68	≤ 8	≤ 8	98	44	≥ 32	≥ 51
238	ARDOREX® Arnold Fire EI 90.24 /	Laminated glass	4,4	≤ 84	≤ 67	≤ 8	≤ 8	98	46	≥ 34	≥ 54
239	ARDOREX® Arnold Fire EI 90.28 /	Laminated glass	4,2	≤ 84	≤ 66	≤ 8	≤ 8	98	46	≥ 38	≥ 59
240	ARDOREX® Arnold Fire EI 120.38 /	Laminated glass	3,9	≤ 82	≤ 64	≤ 8	≤ 8	98	47	≥ 48	≥ 70
241	ARDOREX® advance Arnold Fire EI 30.12 //	DGU	1,1	77	59	11	11	97	-	≥ 44	≥ 55
242	ARDOREX® advance Arnold Fire EI 30.15 //	DGU	1,1	77	59	11	11	97	-	≥ 47	≥ 58
243	ARDOREX® advance Arnold Fire EI 60.18 //	DGU	1,1	77	59	11	11	97	-	≥ 50	≥ 61
244	ARDOREX® advance Arnold Fire EI 60.22 //	DGU	1,1	76	59	11	11	97	-	≥ 54	≥ 69
245	ARDOREX® advance Arnold Fire EI 90.24 //	DGU	1,1	76	59	11	11	97	-	≥ 56	≥ 74
246	ARDOREX® advance Arnold Fire EI 90.28 //	DGU	1,1	75	59	11	11	97	-	≥ 60	≥ 85
247	ARDOREX® advance Arnold Fire EI 30.12 ///	TGU	0,7	70	50	14	14	95	-	≥ 56	≥ 65
248	ARDOREX® advance Arnold Fire EI 30.15 ///	TGU	0,7	70	50	14	13	96	-	≥ 59	≥ 68
249	ARDOREX® advance Arnold Fire EI 60.18 ///	TGU	0,7	69	50	14	13	96	-	≥ 62	≥ 71
250	ARDOREX® advance Arnold Fire EI 60.22 ///	TGU	0,7	69	50	14	13	96	-	≥ 66	≥ 75
251	ARDOREX® advance Arnold Fire EI 90.24 ///	TGU	0,7	69	50	14	13	96	-	≥ 68	≥ 77
252	ARDOREX® advance Arnold Fire EI 90.28 ///	TGU	0,7	68	50	14	13	96	-	≥ 72	≥ 81

ARDOREX® Branschutzgläser Arnold Fire fire protection glass has been tested and approved in metal, wood and gypsum systems. When used outside of the approval, a project-related type approval is required. Arnold Fire can be used in the following approvals: Z-19.14-1646, Z-19.14-1833, Z-19.14-2118, Z-19.14-1723, Z-19.14-713, Z-19.14-1086, Z-19.14-1507, Z-19.14-1950, Z-19.14-2015, Z-19.14-2228, Z-6.20-1920, Z-19.14-1993, Z-6.20-2266, Z-6.20-2555, Z-19.14-2652, movable fire protection closures with CE mark in outer walls. See also ISOLAR® Compass 03/2021: Fire resistant glazing (www.isolar.de/en).