

# ARDOREX® – FIRE PROTECTION

Product name	Colour impression exterior view	Glass Build-Up Outer → Inner	EN 673	EN 410					EN ISO 717-1	Thickness mm	Weight kg/m <sup>2</sup>
			U <sub>g</sub> -Value	Light transmission	g-Value	Light Reflection external	Light Reflection internal	Colour Rendering Index <sub>Ra</sub>	Sound Insulation R <sub>w</sub> / C / C <sub>tr</sub>		
			W/(m <sup>2</sup> K)	%	%	%	%		dB		
ARDOREX® Arnold Fire EI 30.12 /	neutral	Laminated glass	4,9	≤ 86	≤ 71	≤ 8	≤ 8	98	43	≥ 22	≥ 40
ARDOREX® Arnold Fire EI 30.15 /	neutral	Laminated glass	4,8	≤ 86	≤ 70	≤ 8	≤ 8	98	43	≥ 25	≥ 43
ARDOREX® Arnold Fire EI 60.18 /	neutral	Laminated glass	4,6	≤ 85	≤ 69	≤ 8	≤ 8	98	44	≥ 28	≥ 46
ARDOREX® Arnold Fire EI 60.22 /	neutral	Laminated glass	4,5	≤ 85	≤ 68	≤ 8	≤ 8	98	44	≥ 32	≥ 51
ARDOREX® Arnold Fire EI 90.24 /	neutral	Laminated glass	4,4	≤ 84	≤ 67	≤ 8	≤ 8	98	46	≥ 34	≥ 54
ARDOREX® Arnold Fire EI 90.28 /	neutral	Laminated glass	4,2	≤ 84	≤ 66	≤ 8	≤ 8	98	46	≥ 38	≥ 59
ARDOREX® Arnold Fire EI 120.38 /	neutral	Laminated glass	3,9	≤ 82	≤ 64	≤ 8	≤ 8	98	47	≥ 48	≥ 70
ARDOREX® advance Arnold Fire EI 30.12 //	neutral	DGU	1,1	77	59	11	11	97	-	≥ 44	≥ 55
ARDOREX® advance Arnold Fire EI 30.15 //	neutral	DGU	1,1	77	59	11	11	97	-	≥ 47	≥ 58
ARDOREX® advance Arnold Fire EI 60.18 //	neutral	DGU	1,1	77	59	11	11	97	-	≥ 50	≥ 61
ARDOREX® advance Arnold Fire EI 60.22 //	neutral	DGU	1,1	76	59	11	11	97	-	≥ 54	≥ 69
ARDOREX® advance Arnold Fire EI 90.24 //	neutral	DGU	1,1	76	59	11	11	97	-	≥ 56	≥ 74
ARDOREX® advance Arnold Fire EI 90.28 //	neutral	DGU	1,1	75	59	11	11	97	-	≥ 60	≥ 85
ARDOREX® advance Arnold Fire EI 30.12 ///	neutral	TGU	0,7	70	50	14	14	95	-	≥ 56	≥ 65
ARDOREX® advance Arnold Fire EI 30.15 ///	neutral	TGU	0,7	70	50	14	13	96	-	≥ 59	≥ 68
ARDOREX® advance Arnold Fire EI 60.18 ///	neutral	TGU	0,7	69	50	14	13	96	-	≥ 62	≥ 71
ARDOREX® advance Arnold Fire EI 60.22 ///	neutral	TGU	0,7	69	50	14	13	96	-	≥ 66	≥ 75
ARDOREX® advance Arnold Fire EI 90.24 ///	neutral	TGU	0,7	69	50	14	13	96	-	≥ 68	≥ 77
ARDOREX® advance Arnold Fire EI 90.28 ///	neutral	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](http://www.isolar.de/en)).