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Lumon Oy
Kaitilankatu 11
FI-45130 Kouvola
LGS ETA-21/1100 of 11.01.2022

Balcony and Terrace glazing system without vertical frames

Lumon®Glazing Sliding

Purpose of use: Balcony and Terrace glazing systems

Hygiene, health and the environment:

Ventilation and dampness	The air gaps between the glass panes ensure air permeability of the glazing, which diminish risk of dampness or condensation. Width of the air gaps between the glass panes are 8-12 mm.
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Safety and accessibility in use: Resistance to wind load. EN 12211

	Max. Pane height [mm]	Max. Pane width [mm]	Thickness of glass [mm]	Test pressure inward (+) Pa	Test pressure outward (-) Pa	Pressure P3 estimated Pa	Pressure P1 estimated Pa	Relative deflection estimated
Lumon®Glazing Sliding	2140	986	6	800	800	800	500	0,05
	2440	986	8	1200	1200	1200	800	0,05
	1740	986	10	3500	3700	3500	2300	0,03
	2940	786	10	1700	1100	1100	700	0,04

Safety in use: Impact resistance of Lumon®Glazing Sliding. Impact from indoors and outdoors.

	Glass pane thickness [mm]	Drop height [mm]	Class according to EN 13049
Lumon®Glazing Sliding	8	200	1
	10	200	1

Durability

Plastic parts UV-ageing and heat testing 1000 h, ISO 4892-2	No influence on performance.
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Corrosion resistance

Metallic parts	At least moderate corrosion resistance in mild environments.
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Properties of panes

Resistance to racking	NPD
Resistance to static torsion	NPD

Protection against noise

Airborne sound insulation	NPD
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