ODC 300

THE ODC 300 IS A PREMIUM INSULATED SLIDING SYSTEM, COMBINING HIGH WEATHER PERFORMANCE WITH ENHANCED SECURITY AND STUNNING AESTHETICS.

The system uses durable, stainless steel wheels and rails for ease of operation, and the sliding door is lifted slightly before opening or closing. This reduces friction and makes the operation smooth and effortless. In the closed position, the door is lowered onto the track, providing additional weather resistance.

ODC Door & Glass Systems Ltd.

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Variants		ODC 300 LS Monorail, duo rail and 3-rail
Visible width / height	Frame / Threshold	20 / 28 / 35 / 40mm
	Vent	94mm
	T-profile	from 76mm to 154mm
	Meeting section	69 / 98mm
	Meeting section 4 doors	194mm
Overall system depth	Frame	Monorail: 139 mm
		Duo Rail: 139mm
		3-Rail: 210mm
	Vent	59mm
Maximum element height		2700mm
Maximum vent weight		300kg
Rebate height		25mm
Glass thickness		up to 42mm
Glazing method		dry glazing with EPDM or neutral silicones
Thermal insulation		23mm and 32mm fibreglass reinforced polyamide strips
HI variant		extra insulation gaskets

ENERGY										
Thermal Insulation (1) EN 10077-2	The system U Value can be as low as 1.3 W/m²K									
COMFORT										
Acoustic performance (2) EN ISO 140-3; EN ISO 717-1	Rw (C; Ctr) = 35 (-2;-6) dB / 39 (-1;-3) dB, depending on glazing type									
Air-tightness, max. test pressure (3) EN 12207	1 (150 Pa)		2 (300 Pa)			3 (600 Pa)			4 (600 Pa)	
Water-tightness (4) EN 12208	1A (0 Pa)	2A (50 Pa)	3A (100 Pa)	4A (150 Pa)	5A (200 Pa)	6A (250 Pa)	7A (300 Pa)	8A (450 Pa)	9A (600 Pa)	E900 (900 Pa)
Wind load resistance, max. test pressure (5) EN 12210	1 (400 Pa)		2 (800 Pa)		3 (1200 Pa)		4 (1600 Pa)		5 (2000 Pa)	
Wind load resistance to frame deflection EN 12210	A (≤1/150)			B (≤1/200)			C (≤1/300)			
SAFETY										
Burglar resistance (6) ENV 1627 – ENV 1630	WK 1			WK 2			WK 3			

This table shows classes and values of performances which can be achieved for specific configurations and opening types.

(1) The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame.

(2) The sound reduction index (Rw) measures the capacity of the sound reduction performance of the frame and glass.

(3) The air tightness test measures the volume of air that would pass through a closed window at a certain air pressure.

(4) The water tightness test involves applying a uniform water spray at increasing air pressure until water penetrates the window.

(5) The wind load resistance is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the wind force.

(6) The burglar resistance is tested by static and dynamic loads, as well as by simulated attempts to break in using specified tools. This variant requires specific burglar resistance accessories.

FOR MORE EXAMPLES OF OUR WORK VISIT WWW.ODCGLASS.CO.UK OR VISIT OUR SHOWROOMS:

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