

Manufacturer : see UNIGLAS shareholder (www.uniglas.net)

Insulating glass units intended to be used in buildings and construction work

Product: **UNIGLAS® | SHADE Foil - System**

Product identification = U _g	OD1.1	OD2	OD4	OD1.1	OD2	OD4
Pane configuration* in mm	4	4	4	4:	4:	4:
outside	top / down	top / down	top / down	top / down	top / down	top / down
cavity width - roller	20	20	20	20	20	20
inside	:4	:4	:4	4	4	4
				12	12	12
				:4	:4	:4

Specifics

Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	NPD	NPD	NPD	NPD	NPD	NPD
External fire performance (EN 13501-5)	NPD	NPD	NPD	NPD	NPD	NPD
Bullet resistance (EN 1063)	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD	NPD
Pendulum body resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials (EN 12150)	40 K	40 K	40 K	40 K	40 K	40 K
Wind, snow, permanent and imposed load resistance (EN 13474)	4 mm	4 mm	4 mm	4 mm	4 mm	4 mm
Direct airborne sound insulation (EN 12758) R _w (-C; -C _{tr}): dB	NPD	NPD	NPD	NPD	NPD	NPD
Thermal properties (EN 673) or EN 674: W/m ² K	1,1 / 0,9	1,1 / 0,9	1,1 / 0,9	0,6 / 0,6	0,6 / 0,6	0,6 / 0,6
Light Transmission / light reflection (EN 410): %	80 / 6	80 / 1	80 / 0	70 / 6	70 / 1	70 / 0
Solar energy transmission (EN 410) = g-value: %	63 / 10	63 / 7	63 / 3	50 / 10	50 / 7	50 / 3

* : coating position

npd = no performance determined

All specifics are nominal values with production tolerances according to EN standards, German building supervisory approval (Bauregelliste BRL) and used basic glass.