



EC Declaration of Performance

RNG Consultancy

PO Box 11546

Dubai, United Arab Emirates



Description of Product: Thermally Toughened Soda Lime Silicate Safety Glass - Clear Float

Accompanying Information

Essential Characteristics	Thickness									
	3mm	4mm	5mm	6mm	8mm	10mm	12mm	15mm	19mm	25mm
Resistance to Fire:		NPD		NPD	NPD	NPD	NPD	NPD	NPD	
Reaction to Fire:		A1		A1	A1	A1	A1	A1	A1	
External Fire Behavior:		NPD		NPD	NPD	NPD	NPD	NPD	NPD	
Bullet Resistance:		NPD		NPD	NPD	NPD	NPD	NPD	NPD	
Explosion Resistance:		NPD		NPD	NPD	NPD	NPD	NPD	NPD	
Burglar Resistance:		NPD		NPD	NPD	NPD	NPD	NPD	NPD	
Pendulum body impact resistance:		1(C)2		1(C)1	1(C)1	1(C)1	1(C)1	1(C)1	1(C)1	
Resistance to sudden temperature change and temperature differentials:		200K		200K	200K	200K	200K	200K	200K	
Resistance against wind, snow, permanent load and /or imposed load of the glass unit:		4mm		6mm	8mm	10mm	12mm	15mm	19mm	
Direct airborne sound reduction (C,Ctr) dB:		29(-2,-3)		31(-2,-3)	32(-2,-3)	33(-2,-3)	34(0,-2)	NPD	NPD	
Thermal properties – U value W/(m ² K):		5.8		5.7	5.6	5.6	5.5	5.4	5.3	
Light properties: tv. / pv. / p'v:		90/8/8		89/8/8	88/8/8	87/8/8	87/8/8	85/8/8	84/7/7	
Solar properties : te / pe / p'e:		84/8/8		82/7/7	79/7/7	76/7/7	73/7/7	70/7/7	66/7/7	

Conforms to Annex ZA of EN 12150 - 2.

Specific application conditions: NONE

Name: Richard Gulliver

Signature:

Job Title: Quality Manager

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