Stratocell® Whisper® UV
PRODUCT SPECIFICATION SHEET
CLOSED CELL POLYETHYLENE FOAM, CFC AND HCFC FREE

Physical Properties	Test Method	Unit	Value
Nominal Density	ASTM D3575-08 Suffix W ISO 845:2006	Kg/m^3	30
Compressive Strength Vertical @ 25% Vertical @ 50%	ASTM D3575-08 Suffix D ISO 7214:2007	KPa	10 24
Compressive Strength 25% (4th compression) 50% (4th compression) 70% (4th compression) (100mm/min compression speed)	ISO 3386 1986 part 1 DIN 53577	KPa	3 13 50
Compression Set	ASTM D3575-08 Suffix B (50% Compression) ISO 1856:2000 (25% compression)	%	‹ 30 ‹ 20
Cell Size	BS 4443/1 Met.4	Cells/25mm	‹ 10
Fire test-response Characteristics (1) Building & Construction	DIN 4102	Class	B2
Thermal Conductivity @ 23°C (73°F) @ -5°C (23 °F)	ASTM D3575-08 Suffix V ISO 8301	W/mK	0.104 0.082
Thermal stability (24hrs at 70°C)	ASTM D3575-08 Suffix S ISO 2796	%	‹ 3
Water Pick Up by Diffusion (RH › 95% - after 28 days)	UNI EN 12088	Kg/m^2	‹ 3
Water Pick Up by Diffusion (RH › 95% - after 28 days)	UNI EN 12088	Volume %	‹ 5
Tensile Strength @ Peak	ASTM D3575 Suffix T ISO1798	KPa	130
Tensile Elongation	ASTM D3575 Suffix T ISO1798	%	70

(1) These numerical laboratory fire-test-response characteristics are not intended to reflect hazards presented by this material under actual fire conditions

ACCELERATED AGEING TEST REPORTS IN QUV-CHAMBER AVAILABLE UPON REQUEST.