



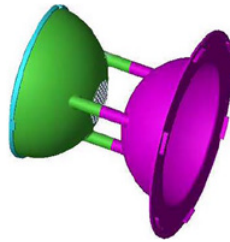
roof system

The revolution in low-slope roofing

The V2T Technology Vent



The V2T Technology Vent is a hemispherical structure designed to take advantage of fluid mechanics using geometry and a proven physical principal to generate a low pressure under roof membranes. The two curved surfaces act to compress air as it moves across the roof lowering the pressure in the gap which is translated as vacuum holding membranes under negative pressure.



Physical Properties

Product: Rigid PVC Compound

Chemical Name: PVC Compound, Polyvinyl Chloride Compound, Vinyl

Test Report

NO	Test item	Test Method	Test Condition	Result
01	Heat Deflection temperature	Method B ASTM D648-07	Specimen width:2.94 mm Specimen depth: 13.18 mm Rate of temperature: 120°C/h Load: 0.455MPa	66.0°C
02	Shore Hardness	ASTM D2240-05	Specimen thickness:8.77mm (3 layers plied up)	D/80/1
03	Pencil Hardness	ASTM D3363-05	Pencil: Mitsubishi®	Scratch hardness: B
04	Tensil Strength		Specimen: Type I	50.9MPa
05	Elongation at break	ASTM D638-08	Specimen thickness: 2.94mm Testing speed: 5mm/min	36%
06	CHARPY notched impact strength	ASTM D6110-08	Specimen width: 2.93mm The capacity of pendulum:2J	C(complete break) 127J/m

V2T Technology

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