

Pinnacle 9mm Eco-Comfort® Underlay



Usage

Commercial - strong acoustic insulation, heat insulation, extended carpet length and anti-fatigue properties.

Residential - luxury and long lasting comfort, extended carpet life and sound and thermal insulation.

Underlay Classification	H C - Heavy Commercial
Guarantee*	10 Years
Weight g/m ²	2920 +- 90
Density kg/m ³	325Kg
Roll Width	1.50m
Roll Length	8.61m
Roll Area	3 Broadloom Metres (10.98m ²)
Average Roll Weight	32Kg
Rubber	100% Recycled Crumb
Backing	60g Recycled Polypropylene

	Requirement	9mm Eco-Comfort	Test
Thickness mm	3mm range	8.59 +-0.2	AS 2111.1
Mean Elongation & 40N	20% Max	3.06 %	AS 4288
Mean Breaking Strength Warp	4.1kg Min	16.00 kg	AS 4288
Mean Breaking Strength Weft	4.1kg Min	13.15 kg	AS 4288
Work of Compression J/m ²	50 Min - 200 Max	128	As 4288
Retention of Work of Compression	40% Min	94.40%	As 4288
Deflection before 100 Cycles mm	1.5 Min	3.31	AS 4288
Deflection after 1000 Cycles mm	9.0 Max	3.32	AS 4288
Mean loss of Thickness Dynamic loading	15% Max	2.46%	AS/NZ 2111.2
Mean loss of Thickness Static Loading	15% Max	5.24%	AS/NZ 2111.14
Weighted Impact Sound Improvement ϕ Lw		To Be Confirmed	ISO 140-8

Adhesives

Underlay to Substrate	Polymer 999
Hessian back or Action Bac carpet –	Roberts 80 / Polymer 220
Sisal, Coir or Seagrass –	Polymer 160
Needlepunch carpet –	Giltgrip 99 / S220 adhesive.
PVC back carpet tile –	Polymer 999
PVC back broadloom carpet –	Giltgrip 99 / S220 adhesive.

* Guarantee only upheld where recommended product selection and installation methods are adhered to.

** Tested with Extra Heavy Duty Commercial Carpet.