

Technical Data Sheet

CMS Danskin Acoustics Soundlay Foam White is a cost effective acoustic underlay manufactured from closed cell polyolefin foam, and can be used with a wide range of floor finishes. It is particularly suited to double-stick carpets, floating wood and laminated floor finishes.

CMS Danskin Acoustics Soundlay White is guaranteed for the serviceable lifetime of the floorcovering under which it is laid, providing it has been laid in accordance with manufacturer guidelines.

FEATURES and BENEFITS

- Offers a reliable and economical solution to Part E compliance
- Greater resistance to compression and creep compared with traditional foam underlay products
- Available in two thicknesses to give a choice of impact sound insulation values
- Quick and easy to install
- No need for an additional waterproof membrane layer

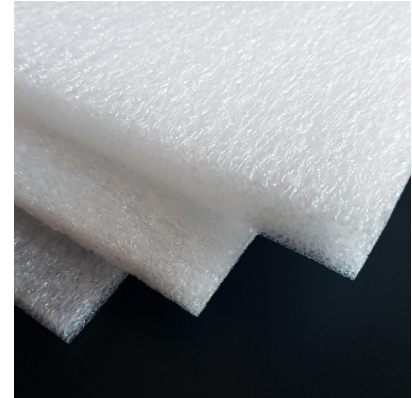
APPLICATIONS

- Social housing
- Apartments
- Educational buildings
- Hotels

TECHNICAL INFORMATION

Weighted reduction in impact sound pressure (ΔL_w)

5mm	37dB
10mm	49dB



TECHNICAL INFORMATION for Cross-linked polyolefin foam

Property		Value		Standard
Roll sizes		50 x 1.2 m		-
Standard thickness		5 mm	10 mm	ISO 1923
Roll weight		9 kg	18 kg	Calculation
Density		30 kg/m ³		EN ISO 845
Cell size		≥ 26 / 25 mm		BS 4443/1
Compressive strength (100mm/min speed)	25% (4th compression)	30 KPa		ISO 3386
	50% (4th compression)	90 KPa		
	70% (4th compression)	205 KPa		
Compressive strength (100mm/min speed)	Vertical @ 25%	45 KPa		ISO 7214
	Vertical @ 50%	95 KPa		
Compression set (50% compression)		< 10 %		ASTM D3575-08 Suffix B
Compressive creep (1.25psi, 8.75kg/m ²)	168 hrs	< 10 %		ASTM D3575-08 Suffix BB
	1000 hrs	< 15 %		
Tensile strength @ peak	MD	250 KPa		ISO 1798
	CD	200 KPa		
Tensile elongation	MD	70 %		ISO 1798
	CD	65 %		
Tensile strength	MD	17 N/cm		ASTM D3575-08 Suffix G
	CD	18 N/cm		
Water absorption after 28 days		< 3 %		ISO 2896
Thermal conductivity (λ)		0.05 W/mK		ISO 8301
Thermal stability (24hrs @ 70°C)		< 2 %		ISO 2796