

# Technical Specification: Corkment Acoustic Underlay

Corkment is an acoustic underlay designed for use with Forbo Marmoleum sheet as well as Forbo's eternal and step vinyl products and is manufactured by calendaring cork granules, oxidised linseed oil and other materials onto a jute backing and then curing it. The process is similar to that for manufacturing linoleum.

Corkment is available in rolls up to 30 lineal metres and 2.0mm thick as a standard stock item. 3.2mm thick Corkment is also available to special order. Under linoleum the Corkment gauge selected must not be thicker than the gauge of the linoleum. Under vinyl sheet the thicker gauge may be used if wished.

## Benefits

- Under 2.5mm Marmoleum 2.0mm Corkment gives an equalised step sound improvement of 14dB
- The thickness of 4.5mm provided by 2.5mm Marmoleum and 2.0mm Corkment meets the requirements for impact sound improvement over dwellings required in Building Regulations part E.
- Long lasting, it does not decompose in use
- It provides underfoot comfort without being a tiring surface on which to push trolleys

	Total thickness	EN-ISO 24346	2.0 mm
	Roll width	EN-ISO 24341	2 m
	Roll length	EN-ISO 24341	≤ 30 m
	Weight	EN-ISO 23997	1.3 kg/m <sup>2</sup> (± 10%)
	Residual indentation	EN-ISO 24343-1	≤ 0.30 mm
	Acoustical impact sound reduction (under 2.5 mm marmoleum)	EN-ISO 717-2	≤ 14 dB
	Flexibility	EN 435	Ø 30 mm
	Reaction to fire	ISO 9239-1	CRF 2.4 kW/m <sup>2</sup> & Smoke Dvlp 167%.min
	Thermal conductivity	EN 12524	0.17 W/m·K

## Installation advice

The installation of Corkment should be carried out in accordance with AS1884-2021 for the installation of resilient floor coverings. Subfloors should be clean, smooth, sound and permanently dry. It is essential that the laying area is at a steady temperature of 18 to 27°C for 48 hours prior to, during, and for 24 hours after installation.

Corkment is fully adhered to the subfloor using an approved linoleum adhesive. Side seams are cut in leaving a credit card thickness between sheets to allow for slight expansion during the curing time of the adhesive. Under linoleum Corkment is installed with the hessian side upwards, if installed under sheet vinyl the cork side is upwards.

Used with sheet floor coverings, the Corkment is installed at right angles to the direction of installation of the floor covering. If Corkment is installed underneath Marmoleum tiles care should be taken to ensure that seams in the Corkment do not coincide with joints in the tiles.

**For more information, please visit [www.forbo-flooring.com.au/installation](http://www.forbo-flooring.com.au/installation) or call us on 1800 224 471.**

