

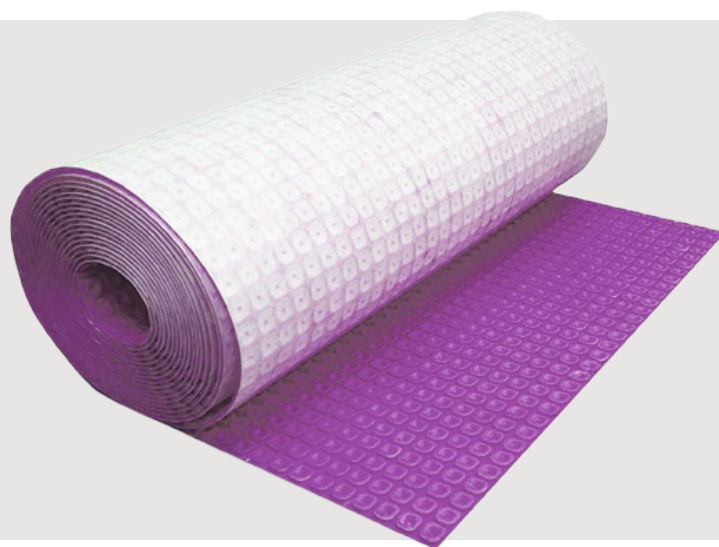


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Underfloor Heating Stud Membrane

A professional-grade cable membrane for easy installation and spacing of electrical under-tile heating cables via its stud structure.

Offers even heat distribution from the heating cables and is integral in the Dukkaboard Waterproofing System.



PRODUCT DESCRIPTION

A versatile mat designed for use with Dukkaboard Heating Cables, serving as both a stud carrier and decoupling mat.

This system is waterproof, helps vapour management and load support.

The stud design allows for various heating outputs by adjusting cable spacing.

It also aids in preventing substrate cracks up to 3mm and is suitable for ceramic, porcelain, and natural stone tiles.

Easy to install using tile adhesive, it works optimally when the cables are fully encased in cementitious product.

PRODUCT FEATURES

- › Functions as a cable carrier mat and decoupling membrane in one
- › Offers customisable cable positioning to provide targeted heating
- › Quick to install using tile adhesive
- › Low build up
- › Simple to cut to size on site
- › Waterproof & Rot-proof
- › Compatible with thermal insulation boards
- › Designed for use with Dukkaboard Heating Thermostat and Dukkaboard Heating Cable

SUSTAINABILITY

Dukkaboard Heating Membrane is designed to be recyclable. The PE foil component is 100% recyclable for further consumer use. This helps to ensure that the membranes do not end up in landfill. When disposing of Dukkaboard Heating membrane (e.g. offcuts), the product is inert and does not present any harmful chemical risks to the environment.



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PRODUCT SPECIFICATION

Product Description	Dukkaboard Underfloor Heating Membrane
Material	Polyethylene (PE) film upper; polypropylene (PP) non-woven lower
Weight	1000g/sqm
Overall Thickness	5.6mm
Film thickness	0.45mm
Installation Temperature	5°C - 40°C, based conforming to min. tile adhesive classification: BS EN 12004:C2F S1
Storage Temperature	Min -20°C Max. 45 °C
Max Operational Temperature	Min 5°C – Max 100 °C
Fill Volume	Approx 2.8 litres / sq.m (void within studs)
Distance Between Studs	3.8 – 4.4mm
Crack Bridging Properties	0.32mm
Compressive Strength*	In excess of 600kPa. Based on min 50x50mm tile
Tensile Strength	73 N/CM
Waterproof	ANSI A 118.10 according to testing method ASTM D4068
Packing	Plastic wrapping
Markings	UKCA, CE marked

PRODUCT FORMATS AVAILABLE

STOCK CODE	COVERAGE (SQM)	LENGTH (M)	WIDTH (M)	WEIGHT (KG)	ROLL DIAMETER (MM)	EAN 13 CODE
6120	1	1	1	1	N/A	5065017007157
6121	5	5	1	5.1	240	5065017007164
6122	15	15	1	15.2	400	5065017007171

STORAGE AND HANDLING

Good resistance to aggression from most common chemicals, including alkalis, acids, marine environment/chlorine water. In case of contact / contamination with petro-chemicals and high-VOC solvents, enquire with technical department before installation and handling.

Do not crush rolls or stack pallets. Do not load more than one pallet high. Palletised goods as delivered are horizontally (flat 1mx1m panels) and vertically (rolled products). For each format respectively, this are the best permanent storage orientation to avoid product deformation stresses.

Maintain at ambient temperatures between -20°C* and +100°C. Whilst presence of water will not adversely affect the product, it is advisable to keep dry, so the fleece non-woven backing is not saturated before laying and bonding.

Keep out of direct sunlight to limit exposure to UV.

The 15m rolls are of a bulk and weight that manual handling is advisable via a two-person lift.

*If installing when the product or the ambient air temperature is below 5°C both the product and the air temperature must be raised to above 5°C before the products are unrolled or installed.



SPACING QUANTITIES

SPACING	NUMBER OF STUDS' GAP BETWEEN PARALLEL CABLE RUNS	AVERAGE CABLE CONSUMPTION PER SQ.M (MULTIPLY THIS VALUE BY THE WATTAGE OF THE CABLE TO CALCULATE OUTPUT PER SQ.M)
64mm	2	15.6 l.m.
64mm / 96mm	2, then 2, then 3, and repeat	13.4 l.m.
64mm / 96mm	Alternate: 2 then 3	12.5 l.m.
64mm / 96mm	2, then 3, then 3, and repeat	11.7 l.m.
96mm	3	10.4 l.m.
96mm / 128mm	3, then 3, then 4, and repeat	9.4 l.m.
96mm / 128mm	Alternate: 3 then 4	8.9 l.m.
96mm / 128mm	3, then 4, then 4, and repeat	8.5 l.m.
128mm	4	7.8 l.m.
128 / 128 / 160mm	4, then 4, then 5, and repeat	7.2 l.m.
128mm / 160mm	Alternate: 4 then 5	6.9 l.m.
128 / 160 / 160mm	4, then 5, then 5, and repeat	6.7 l.m.
160mm	5	6.2 l.m.

This table shows the amount of heating cable required per square metre when installing the heating cable at the following spacings. Take this information in consideration of cable spacing in conjunction with the minimum cable-to-cable distance of the heating cable (usually based on its output wattage per l.m.).

FIRE PERFORMANCE

Class E fire resistance.

TYPICAL INSTALLATION DETAIL

