

## Deco-Mat

Deco-Mat is designed for all types of floor tiling installations. Durable, lightweight and easy to install it has a finished height of just 3mm.

The unique circular indentation design of the polyethylene sheeting and fleece, gives Deco-Mat it's superb properties to absorb multi-directional stresses caused by lateral substrate movement.

The matting incorporates fleece mats on both sides and features glue free bonding between the fleece mats and indented sheet. This advanced lamination technology ensures the secure and durable anchoring of the floor finish over the base substrate below.

Deco-Mat also provides improved load distribution and the relief of compressive stresses acting on specific points on the floor. Designed to absorb tile adhesives quickly and with void-free dimple filling, Deco-Mat permits faster installation of the finished floor surface.

It is suitable for use on sound substrates such as timber and concrete floors, and is applied using flexible tile adhesive.

An innovative one-step underlayment system and multi-purpose movement matting for floor tiling using tiles and natural stone.

Product Advantages:	
Heat bonded fleece to both sides.	Deco-Mat has heat bonded fleece to both sides of the Polyethylene to prevent separation. This is an advantage to other mats that are only glued, not bonded. The fleece used in the construction of the Deco-Mat is rated 'extra fluffy' to ensure exceptional bond to the adhesive, giving high tensile ratings.
Hydrophile fleece used	The fleece in Deco-Mat is Hydrophile, meaning it drains moisture out of the system, letting the adhesive cure better and faster. This is an advantage to other mats that use hydrophobic fleeces that are water absorbent, meaning they retain water in the system, therefore meaning the adhesive needs longer to cure.
LDPE Polyethylene	The Polyethylene used in the construction of Deco-Mat is LDPE. This means that it is soft and extremely easy to lay down. Deco-Mat rolls out flat with no memory effects and the roll ends don't stand up. Other mattings use HPDE which is stiffer and retains its shape, meaning it curls back up out of the adhesive, requiring weighting whilst the adhesive cures.
Rated 'Extra Heavy' by RFT	Deco-Mat achieved a rating of 'Extra Heavy' by recognised body Robinson Floor Testing. Other popular mattings only achieved a rating of 'Heavy'.
Applied with Modified Adhesive	Deco-Mat can and should be applied with modified adhesive. Other mattings require non modified mortar which is inferior.
Fill dimples in one stroke	Deco-Mat dimples can be easily filled with one trowel stroke, a great time saver. Other alternative products need up to 3 trowel passes to fill or require the adhesive to be 'pushed in' under a mesh.
Chalk marks remain visible	Thanks to the fleece chalk marks for cutting and tile setting always remain visible, unlike other alternative matting products.
Kinder to the environment	Over 70% of Deco-Mat is made from recycled materials, meaning it is kinder to the environment than alternative matting products.

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Product Features:	Physiological Properties:
Lightweight	Deco-Mat is resistant to a wide range of chemicals, rot, fungus and bacteria attacks. It is also impervious to root penetration. Deco-Mat is inert to drinking water.
Waterproof	
Decoupling	
Substrate vapour pressure equalisation	

Application Areas:
Deco-Mat is suitable for use on sound substrates including timber and cracked concrete floors. Must be stuck down using high quality standard flexible tile adhesive. Select an adhesive in accordance with the substrate type.
Please note that floors and uncoupling beds installed over Underfloor Heating systems may require upgraded materials such as adhesives with higher adhesion strength. Dukkaboard encourage users to confirm suitability with their own trials before installation. Dukkaboard disavow any liability resulting from use of non-suitable adhesive and resulting damage of any kind.

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Product Features:	
Physiological Properties	Deco-Mat is resistant to a wide range of chemicals, rot, fungus and bacteria attacks. It is also impervious to root penetration. Deco-Mat is inert to drinking water.
Storage	Store in a cool, dry place, out of direct sunlight. Do not permanently store above +30°C.
Disposal & The Environment	Deco-Mat is physiologically harmless. The product contains no hazardous materials. Off-cuts can be disposed of as general building site waste.

Please Note: Technical data represent average values. The technical information and application instructions are based on our experience and present knowledge. However, it is each users own responsibility to make trials with the original substrates in order to verify the suitability of our products for the intended purpose, taking into consideration all application related parameters. Please contact us if you have any further questions. In case of any doubt, please obtain additional information from Dukkaboard.

Technical Values:	
Material Base : Indented Sheet	Polyethylene
Inner fleece	Polypropylene
Colour - Indented Sheet	Blue
Colour - Fleece	White
Width	1m
Length	5m/30m
Thickness	3mm (approx.)
Area weight	550g/m <sup>2</sup>
Dimple height	3mm approx.
Dimple spacing	2500 per m <sup>2</sup>
Air gap between dimples	1.56 l/m <sup>2</sup>
Service temperature range	-40°C to 80°C
Building material fire class acc.	To Din 13501-1 : E

For technical information, support and more installation guides and videos from the expert team at Dukkaboard, visit [www.dukkaboard.com/the-knowledge-network](http://www.dukkaboard.com/the-knowledge-network)