

Dukkaboard®



The Knowledge Network
Technical information, support
and installation guides from the
expert team at Dukkaboard



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Dukkaboard®

Product Overview



The Complete Tile Backer
System for quality tiling,
creative freedom and
peace of mind for a
guaranteed 25 years.

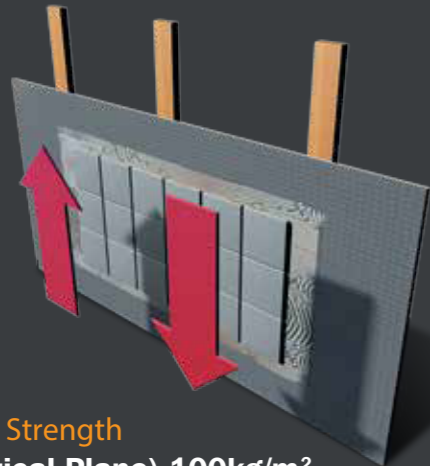
Dukkaboard Technical Features



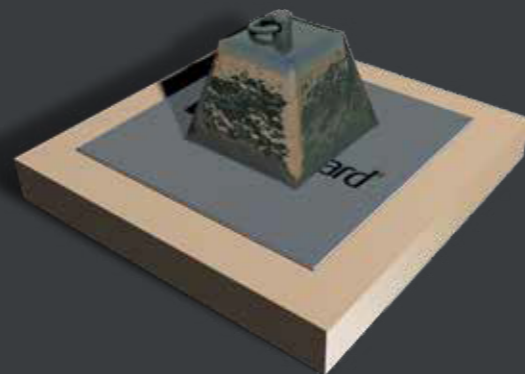
Water absorption
0.3% by volume



High Thermal Insulation (K Value)
0.035W/m.k



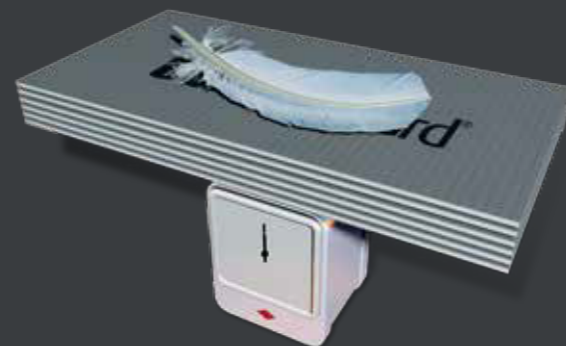
Load Strength
(Vertical Plane) 100kg/m²



Compressive Strength
0.25N/mm²



Workability



Lightweight

Dukkaboard Technical Details

Description

Dukkaboard Original Panels are made from Hard Extruded Polystyrene (XPS) Foam which satisfies the requirements for BS EN13164:2008 and achieved a TR200 rating for bonding to cement mortar in accordance with BS EN1607:1997, coating with a flexible cement-based mortar and reinforced with an alkali resistant fibreglass mesh. Dukkaboard XL is made from fibre-reinforced sheets which have been tested for Modulus of Rupture in accordance with the requirements for Category C material to BS EN 12467: 2008

Delivery and site handling

The sheets should be stored flat, under cover and on a dry, level surface. Stacks of loose boards should not exceed one metre in height.

Properties in relation to fire

The boards will not adversely change the fire resistance of the wall on which they are installed.

When tested to BS 476-6: 1989, samples of Dukkaboard XL gave fire propagation indices (I) of 0.0, 0.1 and 0.0 respectively and sub-indices (i1) of 0.0, 0.1 and 0.0 respectively. When tested to BS 476-7: 1997, Dukkaboard XL achieved a Class 1 result.

When tested to BS EN ISO 1182: 2010 and BS EN 13823: 2010, samples of Dukkaboard Original and XL achieved a reaction to fire classification in accordance with BS EN 13501-1: 2007 of A2-s1, d0.

Therefore, Dukkaboard XL is classified as 'non-combustible' as defined in the various national Building Regulations.

Dukkaboard Technical Details

Test standard for XPS centre	DIN EN 13164	
Load strength (vertical plane)	100kg/m ²	
Compressive strength	DIN EN 1606	0.25N/mm ²
Thermal conductivity	DIN EN 13184	0.035W/m.k
Water absorption	DIN EN 12087	0.3% by vol
Flame resistance	DIN 4102	Class B1 (not readily ignitable)
Coefficient of linear expansion	DIN 53752	0.07mm/m.k
Maximum service temperature (to board)	-50/+75°C	
Shear strength mortar XPS @ 90°	DIN EN 12090	0.20N/mm ²
Tensile strength	DIN EN 1607	0.45N/mm ²
U values	6mm	3.383W/m ² K
	10mm	2.528W/m ² K
	12mm	2.247W/m ² K
	20mm	1.549W/m ² K
	30mm	1.117W/m ² K
	40mm	0.873W/m ² K
	50mm	0.717W/m ² K

Please Note: Dukkaboard Tile backer board is CO2 blown at manufacture



Confidence through quality

To underline the supreme quality of the Dukkaboard range of products, Dukkaboard comes with a 25 year warranty on all system installations that have been carried out in accordance with the Dukkaboard installation guidelines.



Dukkaboard Key Features

Moisture and rot proof

Dukkaboard is a fully waterproof system that creates the perfect solution for bathrooms, showers and wetrooms.



Exceptional stability

Dukkaboard eliminates the common causes of tile failure associated with Plasterboard, MDF, Chipboard and Plywood.



High thermal insulation

Dukkaboard panels and shower trays substantially reduce heat loss therefore are a great solution for use with underfloor heating.



Lightweight and workable

Easier and faster to work with than all other types of building board.



Replaces wet finishes

Can be used in place of floor screeds and rendered or plastered wall finishes, fast-tracking tiling and saving costs.



Unlimited Creativity

Dukkaboard products allow creative freedom when constructing features and structures.



25 Year Guarantee

Dukkaboard comes with a 25 year warranty on all system installations that have been carried out in accordance with the Dukkaboard installation guidelines.



Dedicated Technical Support

Dukkaboard is supported by The Knowledge Network – Offering technical information, support and installation guides.



Cost Effective Solution

Inexpensive to buy, fast to install.





Dukkaboard®



The Knowledge Network

Technical information, support and installation guides from the expert team at Dukkaboard



How to Guides

A series of step by step installation guides for a wide range of tiling and waterproofing projects.

The Knowledge Network features a dedicated helpline for additional technical information and support.



Online Support

A series of step by step installation guides are available online, for a wide range of tiling and waterproofing projects.

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