AquaFix
PROFESSIONAL WETROOMS

Product Data Sheet

AquaFix Tile Backer Board can be used with all kinds of substrates and is suitable for both new build and refurbishment projects. The board is totally waterproof and rot resistant, making it the ideal solution for tiling wet areas such as bathroom walls, showers, and wet rooms.

The board is lightweight, easy to handle, and can be easily cut and shaped with a sharp knife. Installing AquaFix Tile Backer onto floorboards with adhesive and metal fixing washers will strength the floor in preparation for tiling. As a result of its versatility and strength, AquaFix Tile Backer has a distinct advantage over cement, gypsum, and timber-based alternatives.

AquaFix Tile Backer Board provides two main benefits in one board:

- Provides a superior waterproof and strengthened surface for direct fixing of wall and floor tiles.
- Provides excellent insulation and fast warm up times when used in conjunction with underfloor heating.

Whether creating partitions, insulating a floor for electrical underfloor heating, or increasing the strength of a floor, AquaFix Tile Backer Board is the versatile board for all tiling applications.

Key Features

Lightweight:
Easy to transport and handle. No static extra load requirements when used on timber floors, balcony roofs and attic conversions.

High Strength:
Suitable for heavy duty applications. AquaFix Tile Backer can hold a tile weight of 60kg per m^2, double that of standard lining board. With a high compressive strength of 300 kPa (30 tonnes/m^2), AquaFix Tile Backer Board can be used on virtually any tiled floor.

Impervious to Moisture:
The board will remain dimensionally stable, even in high humidity situations. Being completely waterproof, as opposed to merely water-resistant means that no water at all can be absorbed into the core of the board. As a result, the board will not bend, bow or distort in the way that plasterboard can. For this reason, AquaFix Tile Backer Board can be used in many situations including wet rooms and steam rooms.

Insulation:
Minimal heat transfer to adjacent materials e.g., windowsills, ground bearing concrete slabs and external applications, XPS (extruded polystyrene) is one of the most effective insulation materials available and has the benefit that its thermal insulation properties are not affected whatsoever by wet or damp conditions. Other softer insulation materials absorb water, leading to the material losing its insulating properties.

Workability:
Quick and simple to work with. Easy to create curves and profiles. Time saving = cost saving.

Versatile:
Suitable for use on metal and timber studwork, or on existing floors and walls to cover unstable and uneven surfaces.

Contact Us – AquaFix is a Trademark owned by Pure Adhesion Ltd
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Technical Performance

Property	Assessed To	Rating
XPS Density	DIN53420	36 ± 0.02kg/m³
Thermal Conductivity	EN 12167	0.033 W/m.K
Compressive Strength (10% Deflection)	EN826	300 kPa (30 tonnes/m²)
Flexural Strength	ASTM C203	0.30 ± 0.02 MPa
Water Absorption (2-day Immersion)	ISO2896	0.2% by volume
Water Absorption (Capillary)	DIN53428	Zero
Water Vapour Diffusion Resistivity (μ)	DIN52615	110-225 μ
Water Vapour Permeability	ASTM E-96	0.028ng/Pa.m.s
Maximum Tile Loading Weight	CERAM121107	60kg/m²
Flammability	EN 13501	Class E
Impact Sound Reduction	BS-ISO140-	dLw = 21
EU Controlled Substances Content	NA	None

Board Dimensions

1200 x 600 x 6 mm
1200 x 600 x 10 mm
1200 x 600 x 12 mm

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