



JACKOBOARD®

Beyond Bathrooms®

The Waterproof Construction Board System
for Creative Design

JACKOBOARD®

BEWI
for a better everyday

JACKOBOARD® Beyond Bathrooms®

JACKOBOARD® is the leading UK brand of polystyrene-based construction boards, wet room tile backer boards and other associated products for the tiling industry.

Thanks to their extruded polystyrene foam core and special coating on both sides, JACKOBOARD® construction boards are the ideal base for plaster, tile and render. The surface of the JACKOBOARD® system provides a strong primer and can be used on virtually any substrate. At the same time, they are waterproof, thermally insulating, truly lightweight and easy to install.

NHBC Standards 2023 Clause 9.2.5 'Ceramic wall tiling' advises that gypsum plasters should not be used where repeated or persistent wetting may occur and also that in wet areas, e.g. showers, backing surfaces may require protection with a suitable tanking system.

Walls surrounding a bath or shower may be subjected to repeated or persistent wetting; therefore, the substrate for any tiling needs to be carefully selected.

JACKOBOARD® makes an excellent choice due to its waterproof, thermally insulating and truly lightweight attributes.



Waterproof



Can be covered immediately with tiles, render or plaster



Truly lightweight approx. 3-6kg/m²



Easy to work with



Optimum insulation properties $\lambda_D = 0,034 \text{ W/(m}\cdot\text{K)}$



High compressive strength > 300 kPa

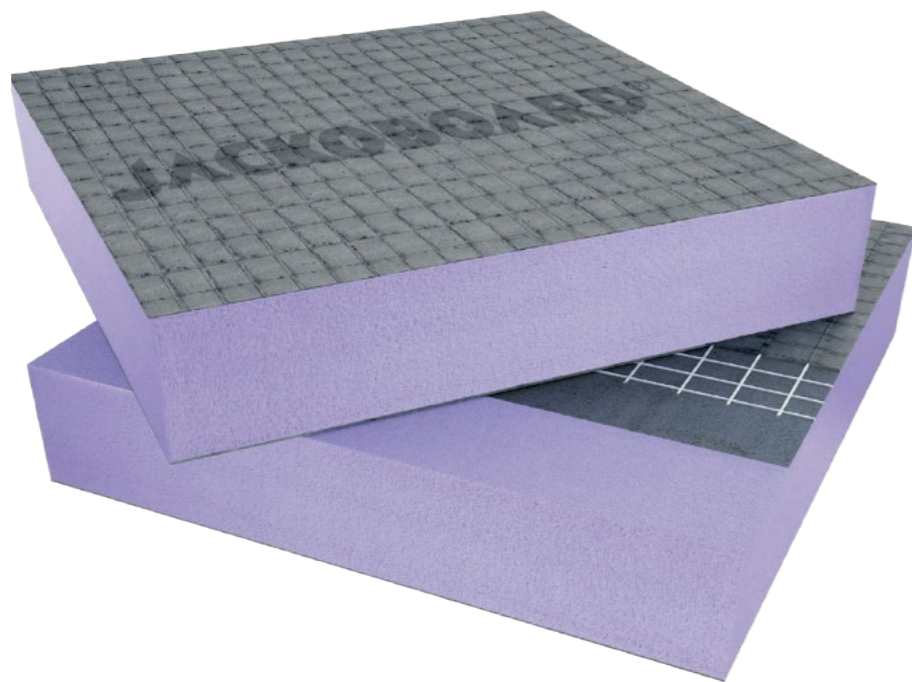


For rooms exposed to high levels of moisture (Wear class A1 and A2)



SEAL THE JOINTS

JACKOBOARD® Sealing Kit



Technical Specifications

JACKOBOARD® Plano

| Properties | Standard | Unit | XPS core |
|---|------------|-------------------|----------------------|
| Bulk density | EN 1602 | kg/m ³ | > 30 |
| Thermal conductivity λ_D | EN 13164 | W/(m·K) | 0,034 ¹⁾ |
| Compressive strength and/or compressive stress at 10% compression | EN 826 | N/mm ² | > 0,30 ²⁾ |
| Dimensional stability at 70°C and 90% relative humidity | EN 1604 | % | ≤ 5 |
| Deformation under 40 kPa load and 70°C temperature | EN 1605 | % | ≤ 5 |
| Vapour diffusion resistance factor μ (dependent on the thickness) | EN 12086 | - | 200 - 60 |
| Water absorption on long-term immersion | EN 12087 | Vol-% | ≤ 1 |
| Linear thermal expansion coefficient | - | mm/(m·K) | 0,07 |
| Fire behaviour | EN 13501-1 | Class | Euroclass E |
| Working temperature | - | °C | -50 /+75 |

Board Thicknesses

| Article Number | EAN Code | Thickness (mm) | Panel Dimensions (mm) |
|----------------|------------------|----------------|-----------------------|
| 4508150 | 40 25345 07013 2 | 6 | 1200 x 600 |
| 4508151 | 40 25345 07014 9 | 10 | 1200 x 600 |
| 4508152 | 40 25345 07015 6 | 12.5 | 1200 x 600 |
| 4508153 | 40 25345 07016 3 | 20 | 1200 x 600 |
| 4509364 | 40 25345 07904 5 | 30 | 1200 x 600 |
| 4509365 | 40 25345 07905 0 | 40 | 1200 x 600 |
| 4509366 | 40 25345 07906 7 | 50 | 1200 x 600 |
| 4509367 | 40 25345 07907 4 | 60 | 1200 x 600 |
| 4508126 | 40 25345 06992 1 | 10 | 2400 x 600 |
| 4508127 | 40 25345 06993 8 | 12 | 2400 x 600 |
| 4508128 | 40 25345 06994 5 | 20 | 2400 x 600 |
| 4508129 | 40 25345 06995 2 | 30 | 2400 x 600 |
| 4509369 | 40 25345 07909 8 | 40 | 2400 x 600 |
| 4509370 | 40 25345 07910 4 | 50 | 2400 x 600 |
| 4509371 | 40 25345 07911 1 | 60 | 2400 x 600 |
| 4511228 | 40 25345 09112 0 | 80 | 2400 x 600 |
| 4505061 | 40 25345 05061 5 | 12.5 | 2600 x 900 |

Accessories:

JACKOBOARD® Galvanised Washers

- Galvanized insulation board disk
- 8 pcs/m²
- Internal dia. 4,8 mm



| Art. no. | EAN Code | Dimensions (mm) | Pcs./box |
|----------|------------------|-----------------|----------|
| 5005000 | 40 25345 00230 0 | ø 36 | 100 |

JACKOBOARD® Sealing Tape

- For sealing the abutting edges of JACKOBOARD® elements and Plano in wet areas
- With a central rubber coating
- Non Self-Adhesive, therefore apply with JACKOBOARD® sealing waterproofing membrane



| Art. no. | EAN Code | Width (mm) | Roll length (m) |
|----------|------------------|------------|-----------------|
| 4500058 | 40 25345 00058 0 | 120 | 50 |
| 4501715 | 40 25345 01715 1 | 120 | 10 |

JACKOBOARD® Internal and External Corner

- Prefabricated corners for sealing JACKOBOARD® elements and Plano in wet areas



| Art. no. | EAN Code | Description |
|----------|------------------|-----------------|
| 4506091 | 40 25345 05852 9 | Internal Corner |
| 5001050 | 07 31628 45667 1 | External Corner |

BOARD-FIX® Adhesive and Sealing Agent

- Special adhesive and sealing agent
- For glueing JACKODUR® and JACKOBOARD®
- One cartridge is sufficient for approximately 9 linear metres
- For furniture and bench seat construction in wet areas



| Art. no. | EAN Code | Volume (ml) |
|----------|------------------|-------------|
| 4506342 | 07 31628 45666 4 | 290 |

Also available from BEWI

THERMOMUR®



THERMOMUR® is a robust pre-formed wall block with a hollow core manufactured from Expanded Polystyrene (EPS). The empty core is filled with a concrete pour during construction.

JACKODUR® Atlas



JACKODUR® Atlas is made of extruded polystyrene foam (XPS) and is an intelligent, efficient thermal insulation and formwork system for floor slabs. The system will eliminate the key thermal bridge at the junction of the floor slab and the external walls.

JABFLOOR



Jabfloor is a floor insulation board that achieves the required U-value and compressive performance on a range of different floor applications:

- Below ground supported slab
- Above slab below chipboard
- Above slab below screed
- Precast suspended concrete
- Cold Store

CLAYMASTER



Claymaster (Clay Heave Protection) provides protection against clay heave. Claymaster works by surrounding the pile cap with a layer of low density, compressible, expanded polystyrene, reducing pressure on the ground beams as the surrounding clay expands and contracts.

BEWI approach to Sustainability

PLANETARY BOUNDARIES AND THE CIRCULAR ECONOMY

Our work with sustainability recognises our planet's nine planetary boundaries. We therefore support the restructuring of UN's Sustainable Development Goals (SDGs) from a linear list to a figure where the SDGs related to our planet's planetary boundaries set the basic framework for achieving the other SDG's.



JACKBOARD®

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