

MONNELI BETOBOARDI

Protective Bituminous Board

Product Description

A pre-formed bituminous board modified with a special rigid compound. It is used to protect the waterproofing during backfilling procedures (retaining walls, fixed pavements, cast concrete etc.) and construction traffic.

Advantages

- Very high resistance to puncture
- Resists and protect against normal site traffic
- Resists to normal chemicals found in the soil, chlorides, lasts, etc
- Protects while pouring concrete slab, etc.
- Water impermeable and resistant to vapor transmission
- Compatible with most commonly used waterproofing methods
- Resistant to normal impact during backfilling procedures
- Not affected by repeated immersion in ground water, rot-proof
- Can be applied by torching and is suitable for mechanical fixing.
- Durable
- Manufactured to suit hot climate conditions

Uses

BETOBOARDI can be used in the following:

- Protective layer during backfilling for areas below the ground (basements, foundation walls, etc.)
- Used to avoid damage during construction traffic
- Protects horizontal areas before laying of concrete, etc.
- Protects the waterproofing layer of foundation walls, parking decks, terraces, flowe boxes and concrete slabs, etc.
- Protective walkway to avoid damage to waterproofing layer on roofs against foot traffic to inspect air conditioning units, machinery mineral slate finished version.
- Can be used as support element for refurbishment of the waterproofing in the 6mm verion mechanically fixed.

Instructions for Use

Application

BETOBOARDI should be applied over the waterproofing system on both the flat and vertical areas by spot binding, lightly torching the material or with a suitable adhesive. It can also be glued using bituminous mastic.

Recommendations

- Avoid excessive and uneven application of heat.
- It is recommended to use protective gloves during installation.

Technical Data

Properties	Result
Type of compound	APP
Softening ring & ball (ASTM D36)	130°C
Density	1.53kg/L
Penetration at 25°C (EN1246)	13 (1/10mm)
Static puncture resistance (EN 12730)	20kg
Mass x unit area (EN 1849)	1.8kg/m ² for 3mm 9.3kg/m ² for 6mm

All values are subject to 5-10 % tolerance

Applicable Standards

- ASTM D36
- EN1426
- EN12730
- EN13501-1

Packaging

BETOBOARDI is supplied in sheets
Available in 3mm, 4mm and 6mm.
Dimension: 1m x 2m

Storage

BETOBOARDI must be stored in a well ventilated, covered storage area away from any source of direct heat. Rolls must be kept in an upright position at all times. Shelf life is 12 months from the date of production if stored properly in original unopened packing.

Health & Safety

BETOBOARDI have no health hazards when used with our standard application recommendations.

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