

Thatch Fireboard is an environmentally friendly magnesium oxide board offering a 90 minute fire barrier in accordance with BS476 Part3 classification EXT.S.AA.

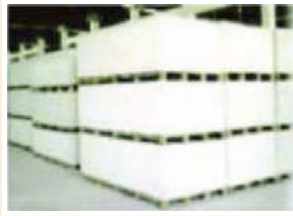
Thatch Fireboard meets the requirements of 'The Dorset Model'

Thatch Fireboard out performs cement based boards and regular gypsum plasterboard, due to its superior environmental credentials and performance characteristics.



Benefits

- 90 minutes fire barrier
- Zero Spread of flame
- Easy to install
- Water Resistant
- Impact Resistant
- Sound insulating
- Termite, mould and insect proof
- Can be cut, drilled, nailed & screwed with no splitting
- Each board is supplied with a smooth & rough side



Specification

- Dimensions: 1220x2440x8mm
- Weight: 24 kg per board
- Normal Dry Density (Average): 1050 – 1150 kg/m³
- Thermal Conductivity (approx) at 20°C: 0.250W/m²k
- Tensile Strength: 7.5Mpa
- The tolerance of the Thatch Fireboard is ± 0.2mm

Testing

Thatch Fireboard is tested to BS476 Part3 and achieved a Non-flammable classification of EXT.S.AA. This test was completed by the BRE, Watford. A Copy of the test certificate is available upon request.

Environmental

- Thatch Fireboard can safely be disposed of in landfills or used as hardcore, due to not containing any formaldehyde or other toxic substances that can have a negative impact on the environment and waterways.
- The production of Magnesium Oxide converts easily from Magnesium Carbonate at approximately half the temperature of that required to roast calcium carbonate, therefore halving the energy consumption.
- Whilst the roasting stage of the Magnesium Carbonate will produce more CO₂, most of this is reabsorbed from the air during the carbonation process within just a couple of months, compared to Portland cement that can take centuries. As a result Magnesium based products become Carbon Negative.
- During the carbonation process Magnesium carbonate crystals are also formed that increase the strength of the Thatch Fireboard.

Application

Thatch Fireboard is positioned on top of the rafters and fixed down with either nails or screws. We would then recommend that all joints are sealed with a durable elastic polyurethane sealant, battens are then fitted over the top with 300mm centres, with the first batten 125mm from the arris rail.

Systems

Thatch Fireboard can be used as a stand alone fire barrier in accordance with BS476 Part3. However we also recommend that Thatch Firewall be used in conjunction with ThatchBatts to create a more comprehensive fire barrier and increase thermal insulation values.

How to Order

To order Thatch Fireboard or any other products form our range, please contact us on:

08455 20 40 60 or email: info@tas-uk.co.uk

“The UK’s leading advisor in thatch fire safety”