Sheathing Boards

Perfect for all Applications

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Y wall

Y-Wall

Y-wall is a high-quality flexible calcium silicate cement based building board, suitable for use as a sheathing board in systems requiring fire classification to EN 13501-1 Class A1. Offering fire performance classified to EN 13501-1 Class A1 as well as dimensional stability tested in accordance with BS EN ISO 12467.

Y-wall is suitable for a range of applications including sheathing and façade systems.

Key Applications

- Fire rated sheathing board classified to EN 13501-1 Class A1.
- OEM applications for improved strength and density.
- May be used in projects over 18m subject to project-specific fire strategy, specification and regulatory requirements.
- Suitable for use behind rainscreen cladding systems when installed in accordance with the manufacturer's instructions.
- Suitable for EWI systems.

Features

- Bending strength tested to BS EN 12467 with values available in the technical data table.
- Water resistance performance tested in accordance with relevant product standards.
- Can be cut, drilled and nailed using conventional hand tools.
- High levels of dimensional stability.

Fire rating:
A1 rated to BS EN 13501-1: 2018

BBA APPROVAL INSPECTION TESTING CERTIFICATION
CERTIFICATE 14/5109

Y-Wall Product Codes & Pallet Quantities

	Product Code	Pallet Quantities
2400mm x 1200mm x 6mm	YW241206A-§	100/64#
2400mm x 1200mm x 9mm*	YW2412109A	65/43#
2400mm x 1200mm x 12mm*	YW241212A	50/32#
2400mm x 1200mm x 15mm*	YW241215A	40/26/25#
2850mm x 1200mm x 12mm	YW281212A-§	50/32#

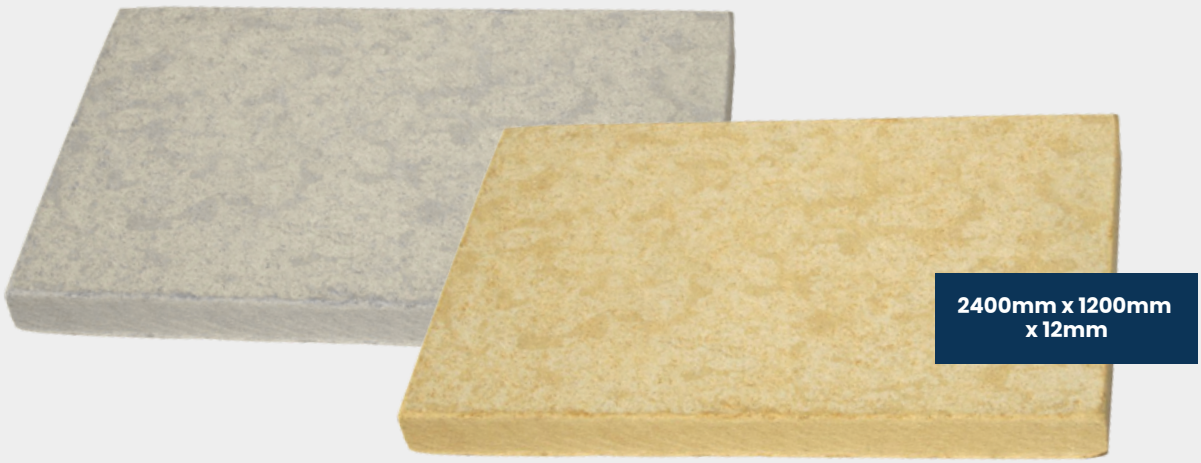
*- BBA Certified

§-Special order items - other sizes available upon request

Subject to availability from stock

Please Note: Materials are delivered on wooden pallets for forklift offload.

Y-wall can be cut, drilled and nailed using conventional hand tools. For higher-volume cutting, Benx recommends using a polycrystalline diamond Dart Blade to reduce blade wear. Alternatively, Benx offers a fabrication service.



Please note: The 2400mm x 1200mm x 12mm boards are manufactured in yellow, while all other board thicknesses and sizes within the range are manufactured in grey.

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Technical Specifications

Normal Density (Oven Dry)	1200 kg/m3
Thermal Conductivity	≤0.23 W/mk
Moisture Resistance	≤9%
Reaction to Fire	BS EN 13501-1 Class A1 Non-Combustible
Biological Resistance	Highly Resistant
Surface Condition	Front Face - Smooth Back Face - Textured
Durability (Life Expectancy - minimum)	30 years
Standard Board Sizes	2400 x 1200mm
Board Thickness	6mm, 9mm, 12mm, 15mm
Nominal Mass of Product (kg/m2)	7.2, 10.8, 14.4, 18
Fire Reaction Tests	BS EN 13501-1:2018 Class A1 BS EN ISO 1716:2018 BS EN ISO 1182:2020 BS EN 1363-1 BS EN 1364-1 BS EN 1365-1 BS 476 Part 4 BS 476 part 22 fire rated through wall solutions
For more information on Test Data please contact Benx Technical Services	
Physical Properties	BS EN ISO 12467 BS EN 594 Category 1 BS EN 594:2011
Fixings - Steel Frame	FIX006 - 4.8mm x 38mm Wing tip self drilling fixing
Fixings - Timber Frame	FIX005 - 4.2mm x 42mm Climaseal self drilling fixing