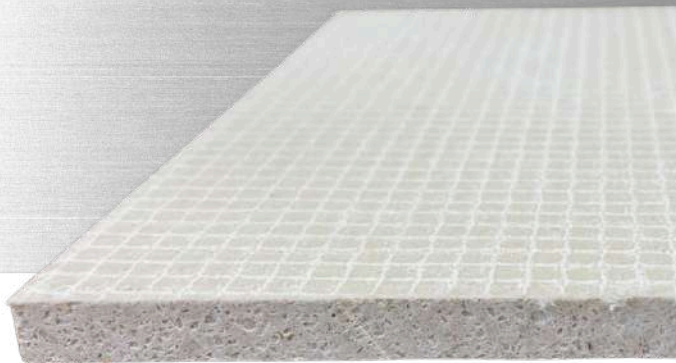




RESISTANT
BUILDING PRODUCTS (2025) LTD



why choose Multi-Pro XS??

Multi-Pro XS is the 'Xtra-Strength' Magnesium Oxide board developed by Resistant Building Products to offer sector-leading fire resistance performance. This property combined with ultra high bending strength (commonly more than double alternative building boards) makes Multi-Pro XS the right choice for the most demanding construction and offsite manufacturing projects.



XTRA STRENGTH - With 4 layers of reinforcing mesh Multi-Pro XS is a BS EN 12467 Class 4 Bending Strength & a Category 1 Racking board.



IMPACT RESISTANT - Xtra tough to withstand risk of damage during manufacture, transit & fitting with an impact resistance of 34N/mm².



MOISTURE/WATER RESISTANT - Suitable for exposure to elements during construction phase, but should always be finished with a weather protective coat for permanent exposure. (*)



A1 NON-COMBUSTIBLE BOARD - Having a fire resistant board means that your structure will be safer in the case of a fire outbreak, potentially saving lives.



EASY FIXING METHOD - Boards can be simply screw fixed without the need for pre-drilling, hammer nailed or gun nailed. Please see fitting instructions on reverse.



EFFICIENT CUTTING METHOD - Can be cut to size using hand & power saws or easily scored and snapped with a standard blade.

UKAS tested to achieve 120 mins fire resistance with a single layer of 12mm Multi-Pro XS either side of a timber stud partition.

(*) For priming and finishing instructions, visit www.resistant.co.uk

Named in the STA Design Guide to Separating Distances During Construction (Product Paper 4) as a fire mitigation sheathing board which has passed the STA Small Room Fire test at BRE & proved suitable for use in Category C Timber Frame projects. To see a video of this test, please visit www.resistant.co.uk

BENEFIT YOUR PROJECT!

Whether in the factory, on the construction site or in the finished building, Multi-pro XS always delivers exceptional performance and obvious cost savings. To find out more, visit our website or contact a member of the sales team. Contact information on reverse.

TESTING & CERTIFICATION



ACCREDITED



First BBA certified MgO board with extensive testing carried out by the accrediting body



Reaction to fire rated A1 Non-combustible to BS EN 13501-1:2007 + A1:2009



Non-load bearing partition wall (60min. steel & 120min. timber) fire test to BS EN 1364-1:1999



Load bearing partition wall (60 & 90min. with timber stud) fire test to BS 476 Part 20/21:1987



Racking resistance tested to BS EN 594:1996 & 2011/BS 5268-6.1:2007

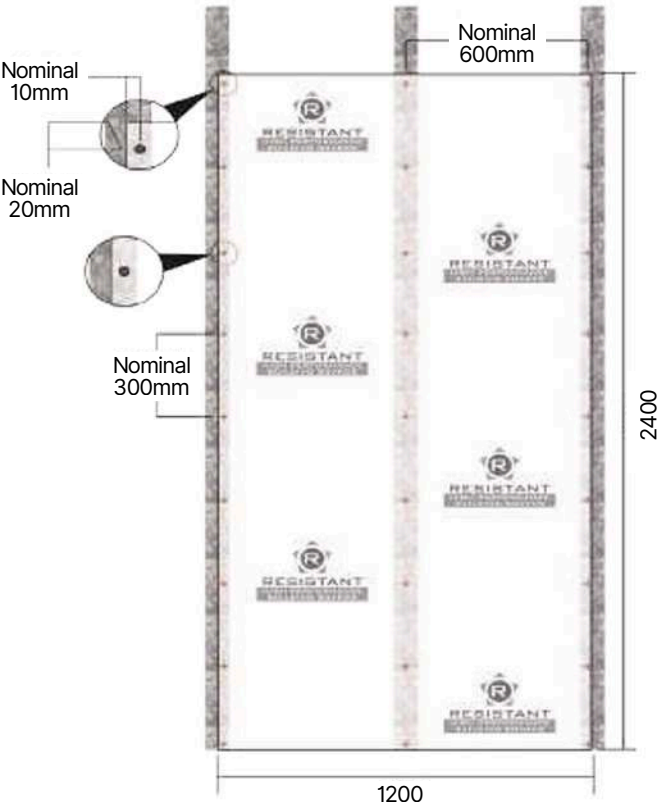


Magnesium Oxide
Building Board
Trading Association



FIXING & FITTING INFORMATION

Resistant boards are used in many varied applications that may require fitting gaps, expansion gaps or butting the joints. Download our full fitting guide at www.resistant.co.uk.



METAL STUD

Case hardened stainless steel
Self tapping, countersunk head

TIMBER STUD

Wood screw (Stainless steel)
Self tapping, countersunk head



TIMBER FRAME GUN NAIL

Stainless steel
Smooth or annular shank
Suggested size 2.8 x 50mm

AVAILABLE BOARD SIZES	WEIGHT PER BOARD
1 2 0 0 x 2 4 4 0 x 6.5 M M	24 K G
1 2 0 0 x 2 4 4 0 x 9 M M	27 K G
1 2 0 0 x 2 7 0 0 x 9 M M	30 K G
1 2 0 0 x 3 0 5 0 x 9 M M	35 K G
1 2 0 0 x 2 4 0 0 x 1 2 M M	36 K G

Resistant boards are attached onto the vertical studs in a symmetrical fashion each side of the partition. They should be attached vertically on the subframe, with fixings at 300mm maximum centres vertically and 600mm maximum centres horizontally. Space fixings a minimum of 10mm from the edge and 20mm from the corner of the board.

When fixing, start at the centre and work outwards to prevent distortion within the boards. Boards should be offset so that four corners never meet at one point.

For timber frame manufacture, boards should be fitted with a 2mm fitting gap between them, and a minimum 6mm gap should be left above the finished floor level to allow for any settlement of the frame.

For other applications, boards may be butt jointed (if no settlement gap is anticipated) or a small fitting gap can be allowed, if required. If project design requires the board to have a surface finish, the receiving faces and edges of the boards must firstly be coated with an acrylic based primer. After drying, the joints can then be prepared by filling and taping or filling with a flexible sealant prior to painting or plastering.

USES & APPLICATIONS

- Load bearing & non-load bearing fire resistant partitions
- Timber frame and SIPS fire mitigation sheathing board
- OSM, pods & park home manufacture (durable alternative to plywood)
- Prisons, anti-vandal units & all high traffic locations or areas prone to abuse
- Solid fuel stove surround
- Carrier board for external brick slips

providing solutions across the board