



90
MINUTES



THE ULTIMATE IN FIRE PROTECTION!
91 mins fire integrity and 86 mins fire insulation on 9mm board
+ Euroclass A1 Non-combustible

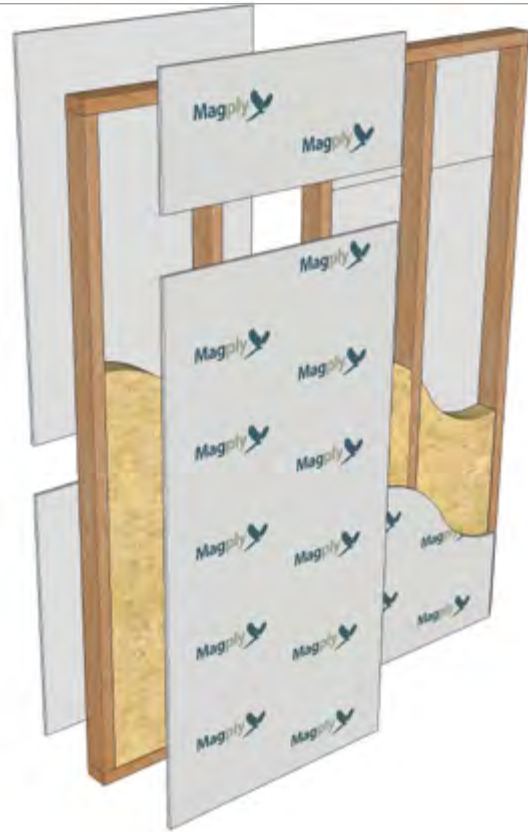
**FIRE PROTECTION AND
PERFORMANCE DRY
LINING BOARD**

Magply 

Fixing Instructions

HIGH PERFORMANCE DRY-LINING AND FIRE RESISTANT WALLS

- ▶ Magply Boards must be fixed to vertical and horizontal Studs on each side of a partition wall and attached vertically to the substrate/frame using Stainless Steel fixings.
- ▶ For General purpose use, apply 300mm (fig.1) maximum centres vertically and 600mm maximum centres horizontally.
- ▶ For the purpose of Timber Frame Sheathing and high performance dry-lining, apply 150mm (fig.2) centres around the edge of the board and 300mm centrally.
- ▶ Fixings must be spaced a minimum of 12mm (fig.3) from the edge and 20mm from the corner of the board.
- ▶ Fix boards starting at the middle and work outwards.
- ▶ Boards should always be offset (staggered) during installation ensuring that four corners do not meet at one point.
- ▶ For Timber Frame, 2mm gap should be made between boards and 5 mm above a finished floor level to allow for settlement of the timber structure.
- ▶ If no settlement is expected then butt jointing is acceptable.
- ▶ All joints must be sealed (not required for non fire resistant walls) using Magply intumescent sealant in line with your requirements.
- ▶ Magply should always be primed with a recommended primer prior to painting, papering or plastering.
- ▶ When being fixed to Steel frame or C section then fixings must be used in accordance with the frame manufacturers recommendation.
- ▶ For breathable walls the use of a breathable paint is recommended.



HIGH PERFORMANCE DRY-LINING

Magply is the perfect high performance solution for all dry-lining applications that require non-combustibility with high impact strength, sound insulation, moisture resistance and exceptional screw holding ability.

FLOORS

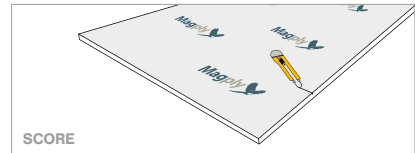
- ▶ Before fixing Magply to existing floors, always check the substrate is free from debris and damage. The fixing surface should be as even and level as possible to ensure a flat finish.
- ▶ Always stagger the joints of the Magply boards and prevent four corners meeting at one point.
- ▶ Ensure that the Magply joints do not align with any joints in the fixing surface.
- ▶ Install Magply to an existing substrate with an evenly applied layer of tile adhesive (cement based) using the correct application tool or suitable trowel and then nail or screw at 300mm centres ensuring a countersunk finish.
- ▶ For new floors, fix with appropriate screws or nails at 300mm centres ensuring a countersunk finish.
- ▶ Check moisture levels of wooden substrate floors for damp problems which must be resolved prior to installation.



Fixing Instructions

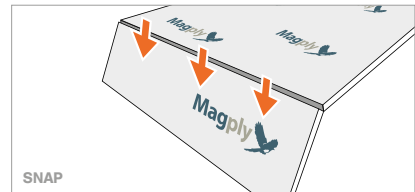
CUTTING

Magply can be easily cut to size on site using the score and snap method. Using a pencil, mark the required size and score along the pencil line using a utility knife and straight edge ensuring you cut through the reinforcing mesh.



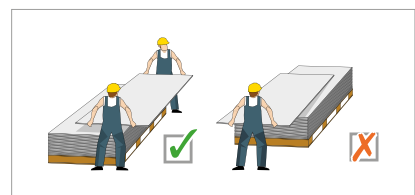
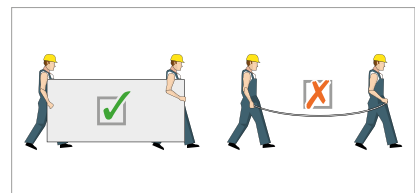
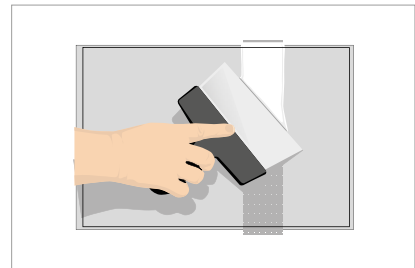
FIXINGS

- ▶ Timber Frame, stainless steel wood screws or nails are recommended.
- ▶ Timber Stud, stainless steel woodscrews or self tapping screw with countersunk head.
- ▶ Metal Stud, case hardened stainless steel or self tapping screw with countersunk head.
- ▶ Stainless steel screws are recommended for use in all applications.



FINISHING

- ▶ The surface of Magply is smooth, flat and pre-prepared to receive all forms of decoration after a primer has been applied. Although Magply can be plastered/skimmed, the surface is perfectly suitable to paint, wallpaper or tile without further preparation.
- ▶ Joints should be sealed with Magply sealant to suit your application and a 50mm Alkaline resistant jointing tape can be applied to increase the strength of your installation.
- ▶ When tiling walls and floors, Magply should be sealed with an approved primer and a flexible cement based tile adhesive should be used in accordance with the manufacturers recommendations.
- ▶ Magply can be painted after priming with both emulsion and oil based paints in accordance with the paint manufacturers recommendations.
- ▶ When installing shelving or fixing objects to the wall, care should be taken to fix only into timber studs or pre-installed noggins.



DELIVERY AND HANDLING

- ▶ Magply is stacked on timber pallets and each pallet is labelled with thickness, length, width and number of boards.
- ▶ Magply must always be stored horizontally (flat) in a dry and ventilated environment under cover and protected from the weather.
- ▶ Magply should always be lifted by a minimum of two people and should be lifted clear of the board directly underneath to prevent surface damage.
- ▶ Magply should be carried on its edge by two people taking care not to damage edges or corners.

EXPOSURE TO WEATHER

- ▶ Magply must not be left exposed to directly to the weather. If Magply is allowed to absorb moisture then ensure it is allowed to dry out before installation of any final surface finish.

