



# BASE BOARD

RESISTANT  
BUILDING PRODUCTS (2025) LTD



## why choose Resistant Base Board?

Resistant Base Board is a high quality, multi-faceted Magnesium Oxide (MgO) board developed for general purpose use across many applications. It is extremely adaptable and suitable for steel, timber or hybrid frame structures. Some of the main attributes of the board vs. cement particle boards and plywood are listed.

Base Board products are the perfect choice to create a fast build weather and air tight envelope with a sturdy, breathable, easy-fix building board.

Dual faced with a smooth surface and a heavily keyed reverse, Base Board is ideal as both a sheathing and render carrier board.

12mm Base Board UKAS tested to achieve 60 minutes fire resistant wall with a single layer either side of a steel stud!

FEATURE	BASE BOARD	CEMENT PARTICLE BOARDS	PLYWOOD
Fire rating	Highest Class 'A1' Non-Combustible	Lesser Class 'A2' Limited Combustibility	Highly Flammable
External Use	✓	✓	⚠
Weather Durable	✓	✓	✗
Mould Resistant	✓	✓	✗
Dimensionally Stable	✓	✗	✗
Breathable	✓	✗	⚠
Score & Snap	✓	✗	✗
Render Receiver	✓	✗	✗



**BREATHABLE** - The boards have the natural ability to absorb and release moisture, creating a dynamic working structure.



**IMPACT RESISTANT** - Ability to withstand surface impact meaning the structure will be adverse to external substances.



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



**MOULD RESISTANT** - Unlike paper faced or wood-based products, Base Board contains no cellulose and is therefore resilient to mould growth.



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



**EASY FIXING METHOD** - Boards can be simply screw fixed without the need for pre-drilling. See fitting instructions on reverse.

(\*) For priming and finishing instructions, visit [www.resistant.co.uk](http://www.resistant.co.uk)

## RENDER CARRIER BENEFIT YOUR PROJECT!

Base Board has been extensively tested and approved by VPI and K-Rend as a general purpose render carrier board.

Benefit your construction project by completing multiple varied applications with high performance boards at a competitive price point. To find out more, visit our website or contact a member of the sales team. Contact information on reverse.



Reaction to Fire A1 Non-Combustible EN 13501-1

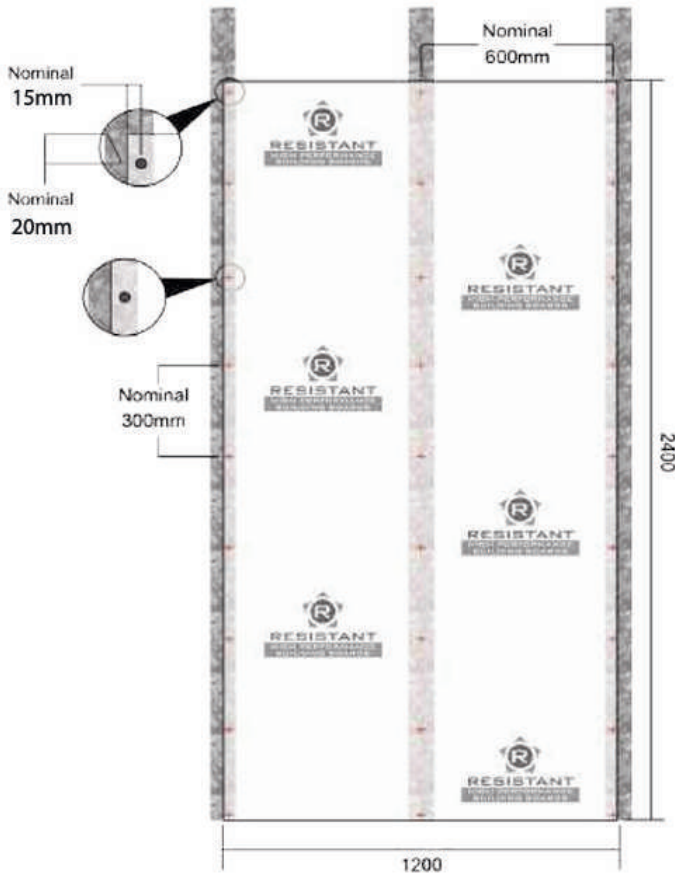


Magnesium Oxide Building Board Trading Association



# FIXING & FITTING INFORMATION

Fully detailed fitting instructions can be found at [www.resistant.co.uk](http://www.resistant.co.uk).



Base Board should be mechanically fixed back to timber or steel fixing battens. The boards should be fixed vertically or horizontally but they should be offset so that no four corners meet at one point. When fixing, start at the centre and work outwards to prevent distortion within the boards.

Resistant boards are used in many varied applications that may require fitting gaps, expansion gaps or butting the joint. Contact us at [info@resistant.co.uk](mailto:info@resistant.co.uk) for fitting guidance.



To assist the achievement of weather tightness of a building envelope, a suitable breather membrane is required and fitting gaps between board joints may be taped and/or sealant filled in line with project requirements. Further information can be found on our 'Accessories Page' at [www.resistant.co.uk](http://www.resistant.co.uk)

When fixing the receiver render, boards should always be fitted with stainless steel screws. When fitted in the cavity as a rain screen backer, Service Class 2 fixings are acceptable.

## USES & APPLICATIONS

Base Board is a tough, durable, next generation construction board, designed to offer a maximum performance alternative to commonly used materials with limited properties. Typical uses are:

- Non-combustible SFS, rainscreen and infill sheathing
- Volumetric & POD manufacture
- Budget render carrier board
- Suitable substrate for tiles...
  - ...and wherever you may have previously considered gypsum or plywood sheets & cement particle boards.

METAL STUD	TIMBER STUD
 <p>Case hardened stainless steel Self tapping, countersunk head</p>	 <p>Wood screw (Stainless steel) Self tapping, countersunk head</p>

AVAILABLE BOARD SIZES	WEIGHT PER BOARD
1200 x 2400 x 10 MM	33 KG
1200 x 2400 x 12 MM	40 KG

**providing solutions across the board**