

# BASE BOARD

## WHY CHOOSE RESISTANT BASE BOARD?

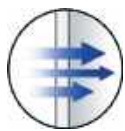
Resistant Base Board is a high quality, multifaceted magnesium oxide board developed for general purpose use across many applications. It is extremely adaptable and suitable for steel, timber or hybrid frame structures. Some of the main attributes of the board vs. cement particle boards and plywood are listed.

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	✓	✗	✗

*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!



### BREATHABLE

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



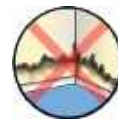
### IMPACT RESISTANT

Ability to withstand surface impact meaning the structure will be adverse to external disturbances.



### 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 are therefore resilient to mould growth.



### A1 NON-COMBUSTIBLE BOARDS

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. Please see fitting instructions on reverse.

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



**RENDER CARRIER**

*Base Board has been extensively tested and approved by Baumit & K-rend as a general purpose render carrier board.*

## BENEFIT YOUR PROJECT!

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

# FIXING & FITTING INFORMATION

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

## WALL ATTACHMENT KEY INFORMATION

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 joints. 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 to receive render, boards should always be fitted with stainless steel screws. When fitted in the cavity as a rainscreen backer, Service Class 2 fixings are acceptable.*



### Timber Stud

Wood screw  
Stainless steel

Self tapping  
countersunk head



### Metal Stud

Case hardened  
Stainless Steel

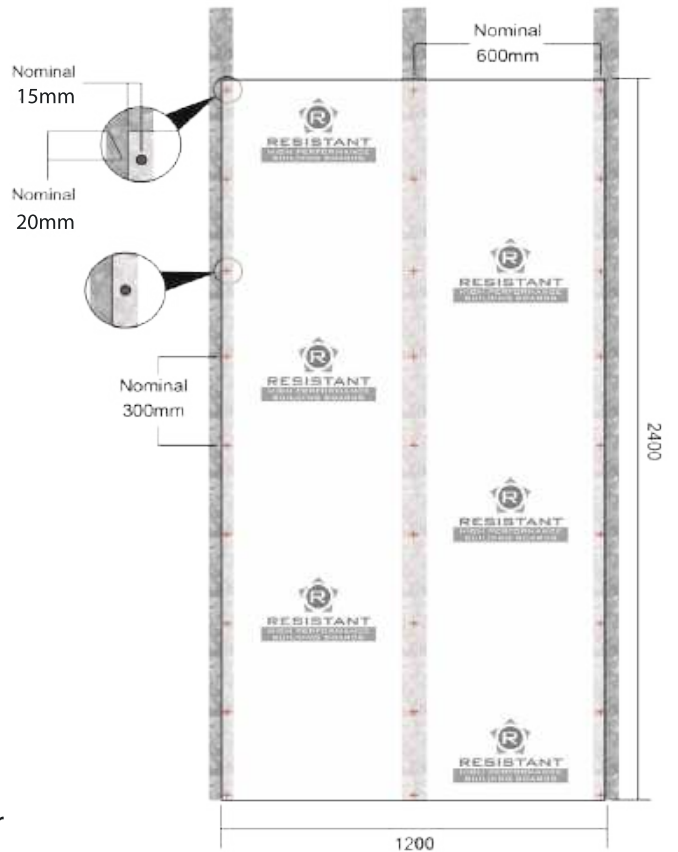
Self tapping  
countersunk head

### Available Board Sizes

### Weight Per Board

1200 x 2400 x 10mm  
1200 x 2400 x 12mm

33kg  
40kg



## 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 & infill sheathing
- Volumetric & POD manufacture
- Budget render carrier board
- Suitable substrate for tiles
- And wherever you might have previously considered gypsum or plywood sheets and cement particle boards.



**PROVIDING SOLUTIONS  
ACROSS THE BOARD.**