

100% WATERPROOF PS PANELLING

ALLWOOD
WHOLESALE

RESISTANCE
R 3D Panelling™



100% Waterproof,
Light Weight with a
Real Timber Look

Resistance 3D Panelling™ Two Tone Teak

Resistance 3D Panelling™ is a quick and easy way to turn any internal area, whether a home or a commercial space, into a modern masterpiece. With its modern 3D design, look, feel and construction, our panelling board brings any dull area to life while making a big statement. It is lightweight but tuff making it very easy to install and very durable, turning the installation process into a breeze. (Please refer to Installation Guide for details)

Resistance 3D Panelling™ is prefinished and available in different profiles and colours including a range of very realistic timber look veneers for a convincing natural look. To add to that, customising the colour of Resistance 3D Panelling™ is limitless. Our expert colour chemists can achieve almost any colour (please note extended lead times, extra costs and minimum quantities apply for custom colours – please consult with your sales rep).

Finally, using over 85% recycled materials in the construction of Resistance 3D Panelling™ makes it truly one of the most environmentally friendly decorative products on the market.

Resistance 3D Panelling™ Features

- ✓ 100% waterproof
- ✓ Impact resistant
- ✓ Fade resistant
- ✓ Insulating properties
- ✓ Eco Friendly
- ✓ Light Weight only 4.3kg per sq/m
- ✓ Easy DIY Installation
- ✓ Maintenance Free
- ✓ Matching Trims
- ✓ 100% Formaldehyde Free





Resistance 3D Panelling™ Two Tone Walnut



Resistance 3D Panelling™ Two Tone Rustic Grey

Resistance 3D Panelling™ Construction:

Resistance 3D Panelling™ is manufactured using the latest techniques and technologies to produce a high quality and cost-effective panelling system for many types of applications.'

The Core - is made with Expanded Polystyrene (EPS) which is a rigid cellular plastic with high insulation properties. Used in building products, it is 100% waterproof, recycled and has a low thermal conductivity which makes it a great insulator.

The Middle Layer - is made from High Impact Polystyrene (HIPS) a lightweight high impact layer added to the 3D core to ensure it has a more robust finish with its impact resistance shell.

The Outer Shell - is made from Pearl Cotton Foil - (EPE) this is used for the final wrapping for further protection of the 3D Panelling and to give it a smooth feel to the touch. EPE has many benefits such as fade resistance, water resistance, strong impact resistance, shock proof, soundproof and heat insulating. All means your new feature wall will last and perform for many years.

Boards - 115mm x 12mm and available in 2.4m and 3.0m lengths.

Starter Trim - 37mm x 12mm in 3.0m lengths.

End Trim - 27mm x 12mm in 3.0m lengths.



Resistance 3D Panelling™ Installation Guide

Installation Tools – Circular Saw, Tape Measure, nail free Glue and a C-Brad nail gun. If you don't have access to a nail gun you will need a small bullet head panel pin to be hand nailed through the edge of the panel.

Installation guide for fixing to Gyprock or timber studs/battens-

1. Pre-work for plasterboard or plywood is recommended before installation to remove any materials that may affect the glue sticking to the surface. You must remove existing wallpaper before installation.
2. Measure the areas to be covered with your new wall panelling to ensure you have enough material and the correct lengths to complete your work.
3. Apply your nail Free glue (we recommend Soudal – strong as nails) to the back of your starter trim and fix to wall with your fixing gun (C1 or C brad recommended) making sure it is close to the edge of the board to ensure it is covered by the next panel to be installed.
4. Continue to install the remaining panels with the same procedure using nail free glue and fixing each panel with a small brad nail on the edge of each board that will be covered by the overhang on the next board.
5. Cut the final board to fit to the correct distance from the end of the wall allowing for the end trim to be fitted if required.
6. For external wrap around corners, combine the two grooves to fit together and work your way back from the corner in each direction.
7. The end trim can be used to finish the top or bottom of the panels if your panelling is not going to the full height of your wall.

Installation guide for fixing to brick or rendered walls –

1. Use all the same steps as above for the installation and by using Soudal's T-Rex Fast Grab you will not require nails as part of the fixing process.
2. It is recommended to install smaller areas of around one metre in the width of the wall and allowing the glue to cure for around ½ hour before commencing. Repeat this pattern until completed.
3. Throughout the process ensure you remove any glue that may have been split on the face of the panelling immediately with an approved cleaner. Soudal's Swipex cleaning wipes are recommended when using any of the Soudal adhesives.

Please contact your supplier for the Full Installation guidelines document or visit:
www.allwoodwholesale.com.au to download a copy.

For full Resistance 3D Panelling™ Warranty, Installation or Maintenance and Cleaning guidelines please contact your supplier or installer or visit: www.allwoodwholesale.com.au

Resistance 3D Panelling™ Warranty: Resistance 3D Panelling™ is recommended for internal use only. If used externally it must be protected from direct sunlight and exposure to the elements. 1. Warranty is provided to the original purchaser only for a period of 25 years residential and 15 years commercial against – major discoloration – delamination not caused by interference – warping and twisting – rotting and splitting. 2. Before installation the purchaser must inspect the boards for faults, if found to be faulty in any way stop immediately and inform your supplier. 3. The warranty does not extend to parts, materials or equipment not manufactured by us. 4. We shall be under no liability under the full conditions of the warranty for the installation, repair, re-installation, removal, or labour costs arising from a fault with this product. 5. Approved adhesives as set out in installation guide must be used. 6. All pictures used in this brochure are a guide only and colour and grain may vary a little from print limitations to lighting during photo shoots.