



Orangeboard by AUSBLOX™ Render

Orangeboard by Ausblox™ Plus Orangeboard™ Render Product Description:

Orangeboard by Ausblox™ Plus Orangeboard by Ausblox™ Dry Mix Render is a premium quality cement based, polymer modified render containing washed and graded medium silica sand, acrylic powder and proprietary additives. Orangeboard by Ausblox™ has developed this proprietary render system which can be applied to any and all of its range of External Insulated Finishing System (EIFS) cladding wall panels.

Orangeboard by Ausblox™ Plus Orangeboard™ Render provides the ideal base for the subsequent application of a variety of top coats.



Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render Key Benefits:

- Factory blended for dependable consistency and performance.
- Excellent adhesion to EPS base panels.
- Ease of application and superior adhesion properties when compared to conventional sand and cement render.
- Eliminates on-site mixing errors.
- Just add water - No other additives required.



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Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render Technical Data	
Appearance	Light grey gritty powder with slight odour when mixed
Application	Hawk and trowel, render machine or hopper gun.
Specific Gravity	2.57 - 2.6
Coverage	Approximately 3-4m ² @ 5mm build plus wastage and panel alignment
Bulk Density	1600 -1850 kg/m ³
Particle Size	<2 mm
Flammability	Not applicable
Curing Time	Top coat after 4 days. Full cure hardness achieved in 28 days.

Preparation of;

Orangeboard by AUSBLOX™ Render Plus Orangeboard by AUSBLOX™ Render Mix:

- Add approximately 3.5 - 4.0 litres of clean water to a suitable mixing vessel and slowly add Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render powder whilst stirring with a power mixer. Continue stirring until all lumps have been dispersed and a uniform paste has been achieved.
- Add extra water (as required) to achieve the desired consistency. The final mix should hold a soft peak on the hawk. Mixing the material so that it is too runny or too stiff will make the material difficult to apply and finish.
- Adjust Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render consistency with a small amount of water and re-stir if necessary. Do not add water after setting has commenced.
- Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render will require approximately 3.5 -4.0 litres of water per 20kg bag of Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Plus Dry Mix Render for a correct mix ratio to be achieved.
- Allow Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render to activate for around 3 to 5 minutes prior to application to the AUSBLOX EIFS Cladding Panels.



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AUSBLOX OB Plus Orangeboard™ Render Application and Finishing:

Render Tools and Equipment Required:

- Hawk and steel trowel, polystyrene float, plastic floats, straight edge, sponge, power mixer, masking tapes, drop sheeting. Appropriate personal protective equipment (PPE) to be worn.
- Apply a 2-3mm base coat of Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ render on to the AUSBLOX EIFS Cladding Panels using a steel trowel with enough pressure to adhere the product. Whilst the render is wet, embed 160gsm alkali-resistant fibreglass reinforcing mesh and trowel over to ensure full immersion of the mesh. Where fibreglass mesh strips meet, a 100mm overlap must be provided. Always avoid overlapping of fibreglass sheet edges at AUSBLOX EIFS Cladding Panel joins, as this may compromise system integrity.
- Embed all fibreglass mesh / aluminium trims and angles in the first coat of render.
- All openings such as windows and doors must be diagonally reinforced with 400mm x 200mm 160gsm fibreglass strips embedded in the first render coat.
- Once the initial render coat has sufficiently set, apply a second coat of Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render at a thickness of 2-3mm directly on top of the fibreglass mesh, embedding the mesh between the two layers of render. The application of the two coats, "Wet in Wet application" of Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render and embedded fibreglass mesh should bring the total finished render thickness to between 5-6mm. 5mm is the minimum finished application thickness that must be applied.
- Use a straight edge and screed surface or if using a polystyrene float, finish the surface to achieve an even and true level surface appearance ready for the application of the primer coat and decorative finish.
- Where possible freshly applied Orangeboard by AUSBLOX™ Plus Orangeboard™ render should be protected from rain or running water, for a period of 48 hours.
- Allow rendered surface to cure for a minimum of 4 days from final render coat application prior to priming. (In cold and or humid / wet conditions a minimum of 7 days curing time is recommended).
- Orangeboard by AUSBLOX™ Plus Orangeboard™ Render should not be applied in hot or windy conditions and should be protected from rain or running water until hard initial set has been achieved.
- Never render over expansion / control joints.



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Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render Pot Life:

Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render will have a pot life of approximately 1 hour from time of mixing. Warmer weather may reduce this time significantly. Do not add water to mix as it begins to harden. Addition of water after commencement of set will result in a reduction of strength in the finished render.

Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render Wash Up:

Due to the high polymer content, Orangeboard by AUSBLOX™ Render should not be allowed to dry on tools. Always clean tools with clean water immediately following use.

Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render® Curing:

Whilst the initial set of Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render will occur in a matter of hours, full coating strength will not be achieved for 28 days from date of final render coat application.

Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render® Supply & Packaging:

Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render is supplied in 20 kg plastic multi-lined paper sacks. Orangeboard by AUSBLOX™ Render can also be supplied in pallet lots.

Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render Shelf Life:

Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render has a shelf life of one year from date of render manufacture, if stored in dry conditions above floor level. See packaging for date of manufacture details.

Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render Limitations:

The liability of AUSBLOX Pty Ltd for any loss, damage or other expenses (whether incurred directly or indirectly) in conjunction with the use of Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ Render is limited to the following:

AUSBLOX Pty Ltd provides a material only replacement warranty for a period of seven years under the following conditions:

The Orangeboard by AUSBLOX™ Plus Orangeboard by AUSBLOX™ render has been correctly installed by a skilled and experienced applicator in accordance with all current AUSBLOX EIFS Orangeboard by AUSBLOX™ system composition application recommendations, including but not limited to, substrate type preparation, application rates and methods, prevailing weather conditions and protection of finished work.

Application dates, product batch numbers and quantities must be recorded and supplied as a minimum to commence potential product failure investigation.

Orangeboard by AUSBLOX™ provides no warranty, expressed or implied against damage due to movement of the substrate or structure. Whilst Orangeboard by AUSBLOX™ takes every precaution to ensure that any impurities in the product are eliminated at the time of manufacture, some components of the product are naturally occurring minerals including sands or mineral earths which may occasionally result in minor visual blemishes, AUSBLOX shall not be liable for any such blemishes.