

## TRW HIGH IMPACT POLYMER HIGHBUILD RENDER

<b>Bag Size:</b>	18 kg bags
<b>Coverage:</b>	3 – 4 m <sup>2</sup>
<b>Suitable over:</b>	Foam Insulation Board
<b>Apply With:</b>	Spray or Trowel



### Product Description:

TRW High Impact Render is a trowel-applied or spray machine applied high build render suitable for a one-coat or two-coat application on foam insulation board. TRW Hi Impact Render is formulated with short-length synthetic fibres, which, on application, cross-link to provide a reinforced render.

TRW High Impact Render is a cement-based polymer modified, High Performance, Water Resistant and Adhesion Promotion render. This product is workable at thicknesses from 4 mm up to approximately 10 mm.

TRW High Impact Render is highly resistant to impact. This inherent toughness allows the render to withstand attack from both natural and manmade elements. TRW High Impact Render application method is easy and cost effective. No additives are needed for all recommended sub-straights.

### Application Details:

Before application of any render the surface of the substrate must be clean, dry and free of any debris. This means that any loose or damaged substrate must be removed, or patched and made good, prior to application of the base render. The substrate surface must be cleaned free of any grease, oils, scaling laitance, efflorescence, form-oil compounds, mould, fungi, rust, dirt, dust or any other foreign matter. Pre-painted surfaces must be wire-brushed back to the bare substrate.

It is the responsibility of the Builder or Head Contractor to make good any substrate before the render is applied.



### Application Details (continued):

TRW High Impact Render is a dry powder-based product. This means that you are getting a 100% active product. All that is required is for clean water to be mixed in, on site, immediately prior to application to the substrate.

### Guide to Good Mixing Consistency

Add the contents of the bag slowly to 4 litres of water (20% volume of entire bag) with vigorous drill mixing to ensure a lump free render of required slump. The mix can be later water thinned to required viscosity. Ensure wall surface is stable, clean, dry and free of dust etc., prior to application.

For difficult masonry and non-masonry surfaces contact TRW for product and surface preparation advice.

### Material Safety Data (MSD)

Product Name: TRW High Impact Polymer Highbuild Render

Use: External and Internal Render

Specific Gravity: Average S.G. approximately 2.2

#### Health Hazard Data

TRW High Impact Polymer Highbuild Render contains cement and care must be taken to avoid excessive amounts of dust. Short-term exposure can irritate skin, eyes and mucous membranes. Wet cement, especially as an ingredient in unhardened concrete is slightly caustic and long-term exposure can dry the skin and cause alkali burns. There may also be trace amounts of water-soluble hexavalent chromium in cement, which may cause allergic dermatitis in some individuals.

**First Aid:** Skin: Wash with tepid soapy water

**Eyes:** Flush with cool water for at least 10 minutes and seek medical attention

**Swallowed:** Wash mouth and lips with water and seek medical attention

**Inhaled:** Move to fresh air, wash with water and seek medical attention if effects persist

#### Precautions of use

**Ventilation:** Where Practical, suitable means of dust collection/suppression should be applied

**Personal Protection:** In dusty environments, the use of filter masks as in AS1716 (class A) and tightly fitting goggles is advised. Barrier creams or impervious gloves, boots and clothing to protect the skin from contact with dust and wet cement are recommended.

**Flammability:** TRW High Impact Polymer Highbuild Render is non-combustible.

**Spills and Disposal:** Spillages should be cleaned up with a broom, shovel or suitable vacuum by suitably attired personnel.

**Contact:** TRW on 1800render or (03) 9540 0963