

# WP-713 XTRALASTIC 108

**DESCRIPTION:**

**x'traseal® WP-713 XTRALASTIC 108** is a kind of multi-function bonding agent and mortar improver. It is a single component of SBR Latex adding to cement mortar to improve the workability of cement and mortar for repair floor topping and render in building and construction industry. **WP-713 XTRALASTIC 108** also can be used as a bonding agent for ceramic tiles as well as natural stones like marble, granite, slate onto the concrete surfaces.

**FEATURES:**

- Easy to use
- Improve flexural strength
- Excellent adhesion to wide range of substrates
- Improve chemical and impact resistant
- Reduce water permeability
- Reduce water and cement ratio for equivalent workability

**USES:**

**WP-713 XTRALASTIC 108** can be used to improve quality of cement for the following applications:

- Floor screeds
- Mortar/render
- Tile fixing mortars
- Patching mortars
- General waterproofing

**WE RECOMMEND PRELIMINARY COMPATIBILITY TESTS PRIOR TO APPLICATION TO ACHIEVE DESIRABLE RESULTS**

**TECHNICAL & PHYSICAL DATA**

Base	SBR Latex
Appearance	Liquid
Colour	White
Specific Gravity	1.00 ± 0.02
Application Temp.	15°C to 45°C
Shelf Life	12 Months

**SYSTEM STRUCTURE**

**Bonding Agent/ Primer**

	Coverage	Thickness
Direct Priming	0.25 kg/m <sup>2</sup>	
Or <b>WP-713</b> : cement priming mixture (1: 1~2)	0.3~0.5Kg/m <sup>2</sup>	<0.5mm

**Render/ Plastering**

	Coverage	Thickness
Direct Priming	0.25 kg/m <sup>2</sup>	
Mixture of cement: sand: <b>WP-713</b> (1:3:*0.45- with sufficient amount of water)	1.5kg/m <sup>2</sup> ( <b>WP-713</b> )	15 mm

\*For waterproof rendering the ratio of **WP-713** should be increase to 0.5.

**Tile/ bricks slip Bonding adhesive**

	Ratio	Thickness
Thin bed; Cement Fine sand <b>WP-713</b>	50 50 15	3mm
Thick Bed; Cement Fine sand <b>WP-713</b>	50 125 23	12mm

**STORAGE:**

Material should be stored in a dry and cool place with temperature below 30°C.

*This information is provided in good faith and is believed accurate based on a review of current composition and information supplied by vendors. No warranty is expressed or implied. Liability is expressly disclaimed.*



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## APPLICATION INFORMATION:

### SUBSTRATE PREPARATION

Prior to application, the substrate must be thoroughly clean and dry, free from dust, algae, mildew, fungal, grease and oil.

The substrate must be sound and of sufficient strength. The best adhesion result obtained when smooth substrates are mechanically roughened.

### BONDING AGENT/PRIMER

Before priming, the concrete surface should be saturated with clean water and brushed off the excess water.

Apply a thin layer of **WP-713** directly into the substrate surface (0.25 kg/m<sup>2</sup> approx.). Alternatively, apply primer mixture (0.3~0.5kg/m<sup>2</sup> approx.) which can be prepared by mixing 1 part of consists with 1~2 parts of cement. The primer can be applied by using brush or roller. Ensure all the surface is applied accordingly.

\*The cement base patch, render should apply while primer in tacky or wet condition (within 20 mins)

### RENDERING/PLASTERING

Prepare mixture for rendering or plastering consist of cement; fine sand and **WP-713** (1:3:0.45). Mix all material above in a clean container and stir gently until the mix is homogenous. Dilute with sufficient amount of water to achieve the desired texture finishing. For water proof rendering application, the **WP-713** ratio in the mixture should increase to 0.5.

### TILE/BRICKS SLIP BONDING ADHESIVE

Prepare mixture for tile or bricks slip bonding adhesive according to desired mixture bed thickness. Stir gently until the mix is homogenous. Additional water can be added to bring the mixture to the right consistency. Apply right amount of the mixture at the back of each tile/brick slip and push firmly into position.

### CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened material can only be removed mechanically.

### TIPS

- Do not add extra water (may lead to cracking issue)
- Porous concrete surface should be saturated with water and apply primer layer to obtain optimum adhesion performance.

