



# x'traseal®

## TECHNICAL DATA SHEET

# WP-711

XTRAPRIME 700

REV: 01

Date: 11 JUN 2024

### DESCRIPTION

**WP-711 XTRAPRIME 700** is a water-based copolymer liquid. It specially formulated as a cement modifier to enhance waterproofing and durability resistant of the cement and mortar. **WP-711 XTRAPRIME 700** can be used as waterproofing primer as well to improve the adhesion of waterproofing material on the substrate.

### FEATURES

- Eco-friendly low VOC
- Enhance durability
- Enhance Impermeability
- Enhance flexural strength
- Good compatibility with various filling elements
- Can be applied on damp or wet surfaces
- Promotes superior adhesion

### USES

**WP-711 XTRAPRIME 700** used as following application:

- High strength screed to improve its flexibility
- Bonding agent for new and old concrete
- As a primer for treating cement surfaces prior to water-based waterproofing coating application
- Angle fillets
- Multi-purpose bonding agent

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

### NOT RECOMMENDED FOR:

It should not be applied outdoor if it is likely to be rained

### TECHNICAL & PHYSICAL DATA

Base	Copolymer Latex
Appearance	Liquid
Colour	White
Specific Gravity	1.01
Solid Contents	45%
Application Temp.	Minimum 5°C
Service Temp.	0°C to 80°C
Shelf Life	12 Months



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### MIX RECOMMENDATION

#### As Cement modifier

Material	Amount (kg)	Mix ratio by weight
Cement	50 kgs	10
Sand	150 kgs	30
WP-711	5 kgs	1
Water	15 kgs	3

#### As Primer

Material	Mix ratio by weight	Coverage
WP-711	1	0.2 kg/ m <sup>2</sup>
Water	3	

### STORAGE

Material should be stored in a dry and cool place.

*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.*

### APPLICATION INFORMATION

#### SUBSTRATE PREPARATION

Prior to waterproofing Installation, 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. Cracks and old bitumen joints shall be repaired first. Any cracks, honey combs, water leakage area should be repaired by cement grout, patching mortar or epoxy grout. For expose type application, it is advisable to patch the fallen RC slab or cement screed prior to any waterproofing work.

#### PONDING TEST

Before waterproofing treatment, a minimum 24 hours of structure ponding test are strongly recommended, fill up the water at least up to the construction joint in the vertical wall area, monitor and repair the leaking area. This simple step helps to ensure the water tightness of structure and the performance of waterproofing for long term.

#### ANGLE FILLET

The corners of the areas are the weakest point of the waterproofing as it is susceptible to stress from movements between wall and floor Slab. Therefore, the application of angle fillet is was necessary to minimize these stress build-ups.

Recommended Angle fillet size:

25mm x 25mm, or 50mm x 50mm

#### PRIMER

Apply a thin layer of primer **WP-711 XTRAPRIME 700** into the substrate surface (0.2 kg/m<sup>2</sup> approx.). mix 1 portion of **WP-711** with 3 portions of water, slowly mix by the electrical mixer. The primer can be applied by using brush, roller, or broom. Ensured all the surface is applied accordingly.



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### **CEMENT MODIFIER**

Add **WP-711** to cement-based mortars, patches, and plasters to improve mechanical performance. Elastomeric from **WP-711** will fill the gap/void between cement and aggregate to create a finer texture and improve its durability.

### **CLEANING OF TOOLS**

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

### **TIPS**

- Protect freshly applied coating from rain before it has fully cured.
- Do not place sharp objects on coated floor
- Do not add extra water