

WP-711 XTRAPRIME 700

DESCRIPTION:

x'traseal® 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 |

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 ² |
| 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.

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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/m² 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.

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 created 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

