WP-710 XTRAFLEX 200H

DESCRIPTION:

x'traseal® **WP-710 XTRAFLEX 200H** is a UV protection water-based acrylic liquid membrane. Once dry, it will form a flexible, waterproofing and durable film. It is designed to weatherproof and to protect roofs, joints, floors, walls and masonry surfaces from further erosion after repairs have been completed.

FEATURES:

- Single component - no mixing required
- Eco-friendly low VOC
- Applicable on expose areas
- High elongation
- Excellent weather resistant
- Good bonding strength
- Elastic waterproofing membrane

USES:

WP-710 XTRAFLEX 200H can be used on the following substrates:

- RC Roof
- Car Porch Roof
- External Wall
- Bathroom
- Aircon Ledge
- Balcony & Yard
- Metal Roof & Gutter

WE RECOMMEND PRELIMINARY COMPATIBILTY TESTS PRIOR TO APPLICATION TO ACHIEVE DESIRABLE RESULTS

NOT RECOMMENDED FOR:

It should not be applied outdoor if it is likely to be rained and protect freshly applied WP710 from rain before it has fully cured.
Not for: Use in areas of constant water immersion.

TECHNICAL & PHYSICAL DATA:

Base	Acrylic Latex
Appearance	Liquid
Colour	White / Grey
Specific Gravity	1.2
Solid Contents	70 %
Application Temp.	5°C to 50°C
Service Temp.	0°C to 80°C
Shelf Life	12 Months
Elongation (ASTMD412)	> 480%
Tensile strength ASTM412	6.5 Mpa
Tear strength ASTM D624	54 kgf/ cm2

SYSTEM STRUCTURE:

Wall

Material	Coverage	Dry film thickness
Primer	0.2 kg/ m^2	0.8mm
First coat	0.5 kg/ m^2	
Second coat	0.5 kg/ m^2	

Floor

Material	Coverage	Dry film thickness
Primer	0.2 kg/ m^2	1.2mm
First coat	0.75 kg/ m^2	
Second coat	0.75 kg/ m^2	

With fiberglass/mesh

Material	Coverage	Dry film thickness
Primer	0.2 kg/ m^2	1.5mm
First coat	0.85 kg/ m^2	
Fiberglass /mesh	-	
Second coat	0.85 kg/ m^2	

STORAGE:

Material should be stored in a dry and cool place.

NOTICE:

For expose type waterproofing system, a lay to fall RC or cement screed without water ponding & an additional layer of fiberglass net or fiberglass mesh reinforcement will maximize the performance of the material.

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 of 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** or **WP-710 XTRAFLEX 200H** into the substrate surface (0.2 kg/m^2 approx. mix 1 portion of **WP-711** or **WP-710** with 3 portion 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.

APPLICATION

After the primer coat, the 1st layer of waterproofing coating **WP-710** can be applied after 1 to 2 hours (depend on the weather condition), even the surface are still wet or damp (but not ponding with water).
Dilute **WP-710** with not more than 10 % of clean water was allowed. Stir gently until the mix is homogenous before use.

Do not apply a thick coat (>2kg/m^2/coat). It might cause cracking and the peeling off after curing. **WP-710** is suggested to apply minimum of 2 thin coats according to the coating system.

Let the 1st layer of waterproofing coating dry for 6-8 hour before apply second layer. Second coating layer should be applied at right angles to the first layer.

REINFORCEMENT SYSTEM

Fiberglass net/mesh reinforcement is highly recommended for expose type waterproofing system. The reinforce material to be lay and fix after apply 1st layer coat. Then let it dry for 6-8 hour. When apply second coating layer ensure fiberglass net/mesh had been fully covered.

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.
- Don't used in places where it is in permanent immerse with water.
- minimum of 2 coats (not inclusive of primer) must be applied.
- Do not place sharp objects on coated floor
- Do not add extra water (except
- for priming layer, where only clean water is added)

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