



x'traseal®

TECHNICAL DATA SHEET

WP-712

XTRAKOAT 107

REV: 01

Date: 11 JUN 2024

DESCRIPTION

WP-712 XTRAKOAT 107 is a two component, polymer modified, cementitious waterproofing coating. Apply in slurry form to waterproof concrete and cement mortar surfaces to prevent water immersion. **WP-712 XTRAKOAT 107** also use as smoothing and waterproofing compound for basement, potable water tanks, retaining wall, seawall, swimming pool balcony, RC gutter, bathroom floor and wall.

FEATURES

- Environment friendly and low VOC
- Can be applied on wet surfaces
- Improved frost and salt resistant
- Good adhesion to sound substrates
- Easy application by brush, roller or trowel
- Mixes & applies easily
- Impermeable

USES

WP-712 XTRAKOAT 107 can be used for:

- Positive and negative side water proofing application
- Basement walls in new construction and refurbishment
- Waterproofing of water tanks, bathrooms, toilets, etc
- Sealing hairline cracks
- Protection of concrete structures against the effects of de-icing salts and freeze-thaw attack

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 and protect freshly applied **WP-712** from rain before it has fully cured.

STORAGE

Material should be stored in a dry and cool place.

TECHNICAL & PHYSICAL DATA

Base	Polymer/Cementitious
Appearance	Liquid (A)/Powder (B)
Colour	White/Red
Application Temp.	>5°C
Shelf Life	6 months
Pot Life	~30 minutes (at +30 °C). It will be shortened at higher temperatures
Elongation ASTM D412	24.3%
Tensile strength ASTM D412	8.3 kgf/cm ²
Tear strength ASTM D624	7.2 kgf/cm ²
Shore A hardness ASTM D2240	54
Shear strength ASTM D1002	4.7 kgf/cm ²
Water vapour transmission of material ASTM e96	37 g/h.m ²



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SYSTEM STRUCTURE

Bathroom/Terrace/Balcony

	Coverage
Primer	0.2kg/m ²
First coat	1.0 Kg/m ²
Second coat	1.0Kg/m ²

Waterproofing Coating (water head ≤1 m)

	Coverage
Primer	0.2kg/m ²
First coat	1.5kg/m ²
Second coat	1.5kg/m ²

Waterproofing Coating (water head >1 m)

	Coverage
Primer	0.2kg/m ²
First coat	2.0Kg /m ²
Second coat	2.0Kg /m ²

Notice

- Minimum ambient and substrate temperature is 5°C.
- Never apply more than 5 kg/m² of **WP-712** in one single layer.
- **WP-712** contains cement that when in contact with sweat can cause irritant and allergic reactions. Wear appropriate PPE and take usual precautions when handling **WP-712**.

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, 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. Surface should be saturated with water prior to application.

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. Ensure all the surface is applied accordingly.

MIXING

To get consistent mortar, use full quantities of both part A (5kg) and part B (20kg). Mixing should be carried out by using clean container and slowly adding part B to part A. Stir with a low-speed mixer for about few minutes until a perfectly homogeneous mix is obtain. For smoothing application, not more than 1 kg water can be added to 1 set **WP-712**. Use within 30 minutes.



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APPLICATION

After the primer coat, the 1st layer of waterproofing coating **WP-712** can be apply directly with hot drying wind condition. For indoor application, is recommended apply after 30min (depend on condition), even the surface are still wet or damp (but not ponding with water).

Do not apply a thick coat ($>5\text{kg}/\text{m}^2/\text{coat}$). **WP-712** is suggested to apply minimum of 2 thin coats according to the coating system.

Apply the second coat of **WP-712** after 4-8hours, in crosswise direction to the first application as soon as first coat has hardened. To over coating with other cementitious material, let the 2nd layer of **WP-712** dry for 2 days.

CLEANING OF TOOLS

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

TIPS

- Minimum of 2 coats (not inclusive of primer) must be applied.
- Do not add extra water.
- More coat layer may be required for area with serious water infiltration.