

WPM 004

Acrylic modified flexible cementitious waterproof coating

DESCRIPTION

WPM 004 is a two component, acrylic modified cementitious waterproofing compound. It has been uniquely formulated with special polymers to increase its flexibility and water resistance. WPM 004 is based on the most advanced acrylic polymer technology and is totally resistant to re-emulsification.

USES

- Wet areas & kitchens
- Balconies
- Water tanks
- As exposed waterproofing for non accessible roofs
- Retaining walls

FEATURES

- Flexible: accommodates minor cracks
- Protect the concrete from long term weathering.
- UV stable: Can be left exposed
- Water based: safe to use, low odour & easy cleaning
- Excellent bond with cementitious substrates
- Self primed: No additional primer required
- Non toxic: Can be safely used as internal waterproofing of potable water tanks

PHYSICAL PROPERTIES

WPM 004	@ 27 ± 1°C
Appearance	Grey colour, Homogeneous, with brushable consistency
Pot life	60 minutes
Re-coat time	4 hours
Subsequent application time	24 hours
Mixed material density	1.68 g/cc
Bond strength 7 days	> 1.0 N/mm ²
Crack Bridging ability	1mm
Permeability Test As per DIN - 1048 (part 5) 1991	22mm
VOC Content	29.46 g/L

COVERAGE ESTIMATES

Pack size	Coverage
Large Pack Part A 5 litres Part B 15 kg	Approx. 14 m ² per pack @ 0.8 mm - 1.0 mm thickness for two coats
Small Pack Part A 1 litres Part B 3 kg	Approx. 2.80 m ² per pack @ 0.8 mm - 1.0 mm thickness for two coats

APPLICATION INSTRUCTIONS

Surface Preparation

The surface to be treated must be dry, clean, structurally sound, free from oil, grease, wax, polish, laitance, dust and other barrier materials. New substrate shall be allowed to cure as per standard procedure

All cracks, construction joints, pipe penetration, bore packing and corners shall be treated prior to application of waterproofing membrane.

Mixing

The entire contents of Part A liquid should be thoroughly stirred and poured in a mixing vessel. Add water as per the table shown below and mix for one minute. Finally add Part B and mix all the three materials with spiral mixing paddle in a slow speed drill. Continue until a consistent homogenous mix is achieved. One or more packs can be mixed simultaneously to ensure a quick rate of installation.

Mixing ratio

WPM 004 component	Large Pack	Small Pack
Part B powder	15 kg	3 kg
Part A Liquid	5 ltr	1 ltr
Water	2.5 ltr	0.5 ltr

Application

Saturate the surface with clean water. Whilst wet, but free of standing water, apply WPM 004 using a short, stiff bristle brush or roller. The second coat should be applied at right angle to the first coat after the previous coat has completely dried.

CLEANING

Wash hands, brushes, rollers, etc with water while the material is still fresh. Remove cured material mechanically.

STORAGE AND SHELF LIFE

WPM 004 has a shelf life of 12 months if kept in a dry, clean store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.

PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves and by using, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water. Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction to resin-based materials. Observe personal hygiene, particularly washing the hands after

WPM 004

Acrylic modified flexible cementitious waterproof coating

work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

DISPOSAL/SPILLAGE

Spillage of any of the product components should be absorbed onto sand or other inert materials and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations. For further information please refer to the Material Safety Data Sheet.

CONDITIONS OF SALE

Sold subject to the Company's conditions of sale which are available on request.

NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products. However, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.



ARDEX ENDURA (INDIA) PRIVATE LIMITED

an ISO 9001:2008 certified company
Corporate Office & Regd. Office: Unit No. 406 & 407,
"Brigade Rubix" No. 20, HMT Campus,
Yeshwantpur Hobli, Bengaluru - 560013.
CIN No: U24233KA1997PTC022383 Tel: +91 80 66746500
Email: customercare@ardexendura.com
Website: www.ardexendura.com

Branches

• AHMEDABAD	079 26425310	• HUBBALLI	0836 2970505	• PATNA	+919934687909
• AURANGABAD	+918888480847	• HYDERABAD	040 27650293	• PUNE	020 64781879
• BENGALURU	080 40912934	• INDORE	0731 4021148	• RAIPUR	0771 6539055
• BHUBANESHWAR	0674 2421901	• JAIPUR	0141 2392993	• SALEM	0427 2211454
• CALICUT	0495 2740334	• KOLKATA	033 65090604	• SHIVAMOGGA	+919880605770
• CHENNAI	044 42805544	• LUCKNOW	0522 4043251	• TRICHY	0431 6454649
• DELHI	011 26802949	• LUDHIANA	0161 2532170	• TRIVANDRUM	0471 2598648
• ERNAKULAM	0484 2341044	• MANGALURU	0824 2442176	• VIJAYAWADA	+918688354587
• GHAZIABAD	0120 6541564	• MUMBAI	022 65133299	• VISAKAPATNAM	0891 6469499
• GOA	0832 2750992	• MYSURU	0821 2570171		
• GUWAHATI	+917896002188	• NAGPUR	+919822223743		