

PRODUCT DATA SHEET

XYLASTIC®-750

DUAL-COMPONENT HIGH POLYMER POLYURETHANE CEMENTITIOUS WATERPROOFING COATING

DESCRIPTION

XYLASTIC®-750 is a double component solid reaction high polymer polyurethane flexible cementitious waterproofing coating.

XYLASTIC®-750 consists of a mixture of synthetic liquid polymer polyurethane and specially selected Portland Cement, Quartz Powder and proprietary additives. When applied onto concrete and mortar XYLASTIC®-750 forms a water tight protective layer that prevents water infiltration.

RECOMMENDED FOR

- Foundation & Retaining Walls
- Internal Wet Areas
- Terraces and Balconies
- Planter Boxes
- R.C. Water Tank
- R.C. Flat Roof and R.C. Gutters
- Swimming Pools and Water Features

ADVANTAGES

- Easy to apply, by brush or roller
- Resist extreme hydrostatic pressure
- Flexible
- Excellent crack bridging property
- Effective for sealing minor hairline cracks (Static)
- Good Adhesion

PACKAGING

XYLASTIC®-750 is available in 36kg set consisting of:

Part A (Liquid Polymer Polyurethane): 20kg

Part B (Cement Binder): 16kg

STORAGE

XYLASTIC®-750 must be stored in cool and dry place. The shelf life is six (6) months from date of production in unopened original packaging

COVERAGE

Under normal conditions, the coverage rate of XYLASTIC®-750 is 1.0kg/m² per coat applied two (2) or three (3) layers.

TECHNICAL DATA

Property	Result	Test Method
Tensile Strength	2.0N/mm ²	ASTM D 412-13
Elongation at Break	400%	ASTM D 412-13
Solid Content	70% by volume	
Shore Hardness	A75	ASTM D 2240-15
Moisture Vapour Permeability	0.42g/h.m ²	ASTM E 96 / E 96M-16
Flexibility	There was no crack observed after subjected to Flexibility Test	ASTM D 5683-95
Water Absorption	0.0063%	BS 1881-122:1983
Chemical Resistance	Unaffected by mild acids, alkalis and water borne salts. Does not biodegrade	

APPLICATION PROCEDURES

1. SURFACE PREPARATION

Concrete surface to be treated shall have light steel-trowel finish, which is free of dust, oil, friable particles and any other contaminants.

The substrate must be fully cured and sound.

Repair crack line, honeycomb with suitable repair method.

2. MIXING

Mix Part A and Part B in a clean container by slowly adding Part B (Powder) to Part A (Liquid) and stir until homogenous consistency. Use within 30 minutes.

APPLICATION PROCEDURES (CONT')

3. APPLICATION
XYLASTIC®-750 can be applied by trowel, squeegee, brush, broom or roller.

Apply 1st coat of XYLASTIC®-750 at 1.0kg/m² and allow to cure.

When the 1st coat is touch dry, apply 2nd coat of XYLASTIC®-750 at 1.0kg/m² and allow to cure.

OPTIONAL

Heavy duty fiber mesh reinforcement may be laid between 1st and 2nd coat of XYLASTIC®-750 to increase the tensile strength and toughness.

OPTIONAL

3rd coat XYLASTIC®-750 to be applied at 1.0kg/m² in areas of extreme hydrostatic pressure or high thermal stresses are anticipated.

4. CURING

Allow the first coat to cure approximately 4 to 8 hours before applying the second coat.

LIMITATION

- Not subject to traffic and must be protected
- Do not apply with higher consumption than recommended

TECHNICAL SERVICES

For more information, alternative application methods or information concerning the compatibility with other products or technology, please contact the Technical Department of the distributor

REPAIRS

If damaged, can be repaired with applying additional coating with the same product.

Clean the damaged area prior to recoating

CLEANING

Clean immediately all application tools and equipment with water.

WARRANTY

We warrant that the product manufactured shall be free from material defects and will be consistent with its normal high quality. Under this warranty, we will provide, at no charge, replacement of the product ex factory if this product is proven to be defective when applied, tested and cured (if applicable), in accordance with our written instructions, standards and applications recommended by us as suitable for this product.

We make no warranty as to merchantability or fitness for a particular purpose and this warranty in lieu of all other warranties expressed or implied. The user shall determine the suitability of the product for his intended use and assume all risk and liability in connection therewith.

All claims concerning product defects must be made within nine (9) months of shipment. Absence of such claims in writing, during this period, will constitute a waiver of all claims with respect to such product.

Note: The information contained in this datasheet may be modified by us from time to time without prior notice through our experience and continuous product development.

Distributor:



® RNC Integral Concrete Technology (M) Sdn Bhd (Co. Reg.: 436178-D)
37, 37-1 & 37-2, Jalan Putra Mahkota 7/7B,
Putra Heights, 47650 Subang Jaya
Selangor Darul Ehsan, Malaysia
TEL: 603 – 5192 8186 FAX: 603 – 5192 6826
EMAIL: support@waterproofing.com.my
Website: <http://www.waterproofing.com.my>