

## PRODUCT DATA SHEET

# XYLASTIC®-FLEXCEM

### DESCRIPTION

**XYLASTIC®-FLEXCEM** is a 2-part, polymer modified flexible cementitious waterproofing coating.

**XYLASTIC®-FLEXCEM** consists of a mixture of special selected Portland cement, quartz powder, polymer latex and proprietary additives. When applied **XYLASTIC®-FLEXCEM** to concrete and mortar, it provides an excellent water tightness to prevent water infiltration.

### RECOMMENDED FOR:

- Internal Wet Areas:
  - \* Bathroom
  - \* Yard
  - \* Kitchen
  - \* A/C Ledge
  - \* M&E Rooms (AHU Room, Pump Room)
- Planters
- R.C. Gutters
- R.C. Water Tanks
- Swimming Pool
- R.C. Retaining Wall, etc.

### PACKAGING

#### **XYLASTIC®-FLEXCEM:**

Part A (liquid) - 7kg

Part B (powder) - 20kg

### TECHNICAL DATA

- Material - Part A: Liquid Polymer.
  - Part B: Portland cement, selected quartz powder and special additives.
- Density - Approximately 2.0kg/liter.
- Number of Component - 2.
- Mixing Ratio - Part A to Part B (7:20 by weight).
- Port life - 30 minutes.
- Adhesion strength: > 0.5 N/mm<sup>2</sup> (on concrete).
- Water Tightness Resistance: Test Passed (BS EN 1928:2000).
- Non-Toxic: SPAN certified.
- Singapore Green Label Scheme certified.
- Resistance to cracking: Passed at 6mm radius (ASTM D 5683 Standard Test Method for Flexibility of Roofing and Waterproofing Materials and Membranes).

### STORAGE

**XYLASTIC®-FLEXCEM** to be stored in cool and dry place. The shelf life is 6 months from date of production in unopened and undamaged sealed packaging.

### COVERAGE

Minimum 2 coats @ 1.0kg/m<sup>2</sup> per coat.

### ADVANTAGES

- √ Resist extreme hydrostatic pressure.
- √ Flexible.
- √ Effective for sealing minor hair-line cracks (static).
- √ Good adhesion.
- √ Non-toxic.
- √ Non-flammable.
- √ Pre-batched components, easily mix and apply.
- √ Easy to apply by brush or roller.



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## APPLICATION PROCEDURES

### 1. SURFACE PREPARATION

The substrate to be treated shall have light steel trowel finished which is clean and free of oil, grease and other contaminants. The substrate must be fully cured and sound. Any structure defects (cracks and honeycomb) shall be repaired before applying **XYLASTIC®-FLEXCEM**.

### 2. PRE-WETTING

The substrate have to be completely dampened with water. Any standing water to be removed prior to application.

### 3. 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 consistent. Use within 30 minutes.

### 4. APPLICATION

**XYLASTIC®-FLEXCEM** can be applied by brush or broom.

Apply the first coat by working the material to fill all pores and voids.

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 high consumption than recommended.

## TECHNICAL SERVICES

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

## PRECAUTIONS

Wear protective gloves during application. If in contact with skin, wash thoroughly with water and soap. Flush immediately with plenty of water if in contact with eyes and seek medical attention without delay. Harmful if swallowed. Keep away from heat and open flame.

## CLEANING

Clean immediately all application tools and equipment with water.

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

### Distributor:



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