

PRODUCT DATA SHEET

XYLASTIC®-250

DESCRIPTION

XYLASTIC®-250 is specially formulated using single component moisture cure premium grade pure elastomeric hydrophobic polyurethane resins.

XYLASTIC®-250 is highly elastic with excellent mechanical, thermal, chemical and UV resistance properties.

RECOMMENDED FOR:

- ⇒ R.C. Roof / Terraces with light foot traffic.
- ⇒ "Green" Roofs.
- ⇒ Planters Boxes and Landscape.
- ⇒ Solar Reflective Roof to replace conventional insulated roof.

ADVANTAGES

- √ Resist extreme hydrostatic pressure.
- √ Excellent crack bridging properties.
- √ Simple application.
- √ Root resistant.
- √ Excellent adhesion to concrete, wood, metal, etc.
- √ High solar reflective index (SRI) to reduce heat.
- √ Excellent UV and weather resistance.
- √ Seamless membrane without joints.

PACKAGING

XYLASTIC®-250 is available in 25kg metal pails and 250kg barrels.

STORAGE

XYLASTIC®-250 has to be stored in a cool, dry place and can be kept up to 9 months in its sealed pail or drum.

COVERAGE

1.4 to 2.5kg/m² applied in two or three layers.

TECHNICAL DATA

- ◆ Tensile strength: 6.5 N/mm² (ASTM D412).
- ◆ Elongation at Break: 900% (ASTM D412).
- ◆ Recovery: 90%
- ◆ Water Vapour Permeability: 25gr/m²/day (ASTM E96/E96M-12).
- ◆ Resistance to Water Pressure: No leak (DIN EN 1928).
- ◆ Adhesion to concrete: > 0.5 N/mm² ASTM D 4541 : 2002.
- ◆ Hardness: Shore A65.
- ◆ Abrasion Resistance: Good (1220mg weight loss ASTM D 4060 : 2007).
- ◆ Resistance to Root Penetration.
- ◆ Solar Reflectance: 0.87.
- ◆ Solar Emittance: 0.89.
- ◆ UV Resistance: No objectionable alteration in the surface such as crack and blistering except for discoloration observed (ASTM D4799 / D4799 – 08(2013) and ASTM 2616-12).

XYLASTIC®-250

XYLASTIC®-250

XYLASTIC®-250

PRODUCT DATA SHEET

XYLASTIC®-250

APPLICATION PROCEDURES

Surface Preparation:

- ◇ Surface to be applied shall be clean, dry and free of contamination that prevent adhesion.
- ◇ Concrete structure shall be sound and free from defects.
- ◇ Pot holes shall be patched with approved patching mortar.
- ◇ All substrate shall be primed with suitable epoxy primer.

Mixing:

Stir **XYLASTIC®-250** thoroughly until homogenous consistency.

Application:

XYLASTIC®-250 to be applied in minimum 2 coats by trowel, roller or airless spray equipment.

Primer coat:

Mix **XYLASTIC®-250** with 30% Xylene.

Base coat:

1st coat: Stir well **XYLASTIC®-250** and apply 1st coat @ 0.7kg/m².

2nd coat: Apply 2nd coat **XYLASTIC®-250** @ 0.7kg/m².

Optional:

- Additional layer of **XYLASTIC®-250** @ 0.7kg/m² to be applied in area where extreme hydrostatic pressure or high movement stresses is anticipated.
- Heavy duty fiber mesh reinforcement to be laid between 1st and 2nd coat **XYLASTIC®-250** to increase the tensile strength and toughness.

CURING

Working time between coat		
- XYLASTIC Aqua Primer	20°C to 30°C	2 ~ 3 hours
- XYLASTIC-250		6 ~ 8 hours
Rain resistant		After 4 hours

COLOUR

XYLASTIC®-250 is available in white and light grey.

WARNING

- Do not apply with high consumption than recommended.
- **XYLASTIC®-250** is slippery when wet. Add Polypropylene anti-skid additive to create anti-slip surface.

XYLASTIC®-250

XYLASTIC®-250

XYLASTIC®-250

PRODUCT DATA SHEET

XYLASTIC®-250

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 appropriate protective clothing, gloves and eye/face during application. Take into consideration of sufficient ventilation and refrain from vapour and aerosol inhalation. Use of face mask is advisable.

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.

OTHERS

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.*

XYLASTIC®-250

XYLASTIC®-250

XYLASTIC®-250

PRODUCT DATA SHEET

XYLASTIC®-250

XYLASTIC®-250

XYLASTIC®-250

XYLASTIC®-250

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: 03-5192 8186 Fax: 03-5192 6826
Email: support@waterproofing.com.my
Website: <http://www.waterproofing.com.my>