

Flexi-Proof WPM

DESCRIPTION

ACS Flexi-Proof WPM is a high performance, single component, water based synthetic acrylic co-polymer which dries to form a tough flexible approved wet area waterproofing membrane.

Its' high solids, high build properties allow greater durability and movement without cracking.

ACS Flexi-Proof WPM is easily applied at the recommended thickness to both vertical and horizontal surfaces.

FEATURES AND BENEFITS

- Fast Cure
- High water resistance
- High elasticity
- Economical to use
- Quick down time for tilers
- Low odour and non staining
- Excellent adhesion
- Compatible with *ACS* tile adhesives
- *ACS Flexi-Proof WPM* complies with AS3740 "Waterproofing of Wet Areas in Residential Structures"

RECOMMENDED USES

ACS Flexi-Proof WPM is designed for waterproofing tanking and tiled wet areas such as: bathrooms, showers, laundries, balconies, window reveals, sill flashings and decks.

COVERAGE RATES

Generally 1.25 — 1.5 litres/m² for floors and 0.3 – 0.4 litres/m² for walls.

PACKAGING

ACS Flexi-Proof WPM is supplied in 15 litre plastic pails.

PERFORMANCE PROPERTIES

Colour	Coloured Paste
Tensile Strength	2.8MPa
Solids Content	65%
Service Temperature	-10°C to 80°C
Application	5°C to 30°C
Dry Time @ 25°C	2-4 hours
Crack Bridging	No defect
Peel Adhesive	100N Absorbent Surface
Elongation at Break	600%
Performance	<6gm/mm ² /24hrs
CO₂ Resistance	>50m

SURFACE PREPARATION

All surfaces to be waterproofed should be clean, sound and dry. The concrete surface should be smooth.

Holes, non structural cracks and other surface deformities should be repaired prior to application of the water proofing system.

All joints are to be sealed using a suitable joint sealant.

PRIMING

All concrete surfaces to be waterproofed should be primed using *ACS Acrylic Primer* at 5m²/litre.

Use *ACS Barrier Seal WPM* as the primer (at 6m²/litre) for all decks, balconies and exposed tiled surfaces

DETAILING

Detail all joints, cracks, outlets, penetrations and internal corners using *ACS Flexi-Proof Tape*.

APPLICATION

Apply a minimum of two coats of *ACS Flexi-Proof WPM* by brush or roller.

Apply each coat in a cross or opposite direction to the previous coat to ensure even coverage.

Allow a minimum of two hours drying between each coat.

TILES

Ceramic tiles may be laid on a mortar bed or alternatively fixed directly with a fully guaranteed *ACS Tile Adhesive*.

CLEAN UP

Wash all equipment in water or water/detergent immediately following application.

STORAGE

Store between 10°C and 30°C away from direct sunlight. Shelf life is up to 12 months in original unopened container. Partly used containers must be sealed tight when not in use.

HEALTH AND SAFETY

ACS Flexi-Proof WPM is non-flammable and is classified non-hazardous under work safe guidelines. However all manufactured products should be handled with care and due diligence.

- If swallowed do NOT induce vomiting – give glass of water.
- If in eyes, hold eyes open, flush with water for at least 15 minutes.
- If skin contact occurs wash skin thoroughly do not use solvents.

For further information on above products, please refer to the relevant Material Safety Data Sheets.

Please Note:- *The information given in this data sheet is based on our current knowledge of the product when properly stored, handled and applied. We cannot guarantee that the product will be suitable, effective or safe when used for any purpose other than its stated uses.*

To the extent that it is lawful, we exclude warranties implied by law and limit our liability to the cost of replacing the product. We accept no responsibility for loss or injury caused by improper use, incompetent preparation, inexperienced or negligent application, or ordinary wear and tear.

Service or advice given by our staff should not amount to responsibility for the project - since the owner, or their contractor (and not River Sands), is responsible for procedures relating to the application of the product.



Applied Concrete Solutions
A Division of River Sands Pty Ltd
683 Beenleigh Redland Bay Rd,
Carbrook Qld 4130
Ph: 07 3287 6444 Fax: 07 3287 6445
Sydney: (02) 9756 1711
Melb: (03) 9311 9225
Perth: 0423 023 164
Toll Free Helpline: 1800 077 744
www.appliedconcretesolutions.com.au