

Newflex W.A.M.

Multi-Purpose Approved Wet Area Membrane Waterproofing

Description

Newflex W.A.M. (wet area membrane) is an advanced, high performance, one-part, water based, latex rubber polymer, low modulus, environmentally friendly, approved wet area membrane. It is specially designed for fast-cure waterproof membrane barriers.

Uses

Newflex W.A.M. is designed for waterproof tanking and tiled wet areas such as – bathrooms, showers, laundries, balconies, window reveals, sill flashings and decks.

Newflex W.A.M. should not be used for continuously UV exposed, trafficable areas. Chemind Aquagard, Newflex or Newflex R-100 water-based rubber membranes are best suited in these areas.

Features

- Fast cure; High water resistance
- High elasticity; Economical to use
- Excellent water resistance
- Quick access for tilers
- Ease and speed of installation
- Low odour and non-staining
- Total adhesion - no water tracking
- No toxic or hazardous substances
- Complete Total Project Specification
- All Newflex products comply with AS3790 "Waterproofing of Wet Areas in Residential Structures" and have CSIRO/Absac Approval No 162

Preparation

Surfaces to be waterproofed with Newflex WAM must be sound, smooth and free from dust, loose matter, oil or other contaminants.

All surface defects shall be repaired using Chemind Chembond modified mortar.

Use Chemind Chemflex PU sealant to fill joints, cracks and form fillets to internal corners or penetrations.

Typical Properties

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

Application

Priming

For internal wet areas, tiled decks, walls, sills or flashings, apply Chemind Primer "W" or diluted Newflex WAM at 6-10 m²/litre.

For all decks or exposed, foot-trafficable decks apply one coat of Chemind Epocote F100W water based epoxy at 6-10 m²/litre.

Detailing

Detail all joints, cracks, outlets, penetrations and internal corners with a 150mm strip of Chemind Fibreglass Reinforcing Mat bedded between two heavy coats of Newflex WAM centred over the joint. Apply a heavy brush coat to any shrinkage cracks.

Application of Continuous Membrane

Apply Newflex WAM membrane liberally by brush, squeegee or roller in two or more flow coats. Allow to dry fully between coats.

Apply in a cross direction to previous coat to ensure even coverage.

See **Coverage** for Application rates to different areas.

Surfacing

Newflex WAM membrane is foot trafficable within 8 hours. Use following systems for specific situations as listed. Apply surfacing materials only to fully cured Newflex-R100.

- Tanking
 - ♦ Cover with Chemind Protectoboard, Protectodrain or Rapid Drain, followed by backfill or landscaping.
- Tiles
 - ♦ Ceramic tiles may be laid on a mortar bed or otherwise fixed directly with fully guaranteed Chemind Chem-Fix adhesive
- Rigid Surfaces
 - ♦ 0.2 mm PE slip-sheet with concrete topping.
 - ♦ paving slabs on Chemind Multi Pads or bedding.
 - ♦ Chemind Chembond polymer modified render or textures.
- High Traffic Areas
 - ♦ Apply Chemind Tuffcote Duratop at 4m²/litre. Allow 24 hrs drying before exposing to foot traffic or 48 hrs before allowing traffic.
- Decorative Coatings
 - ♦ Chemind Blockflex high build coating exterior acrylic paints, roll-on textures or sand-filled PP grass.
- Insulated - Thermally
 - ♦ Chemind Dow Roofmate closed cell insulation board to provide guaranteed thermal insulation.
- Insulated - Acoustically
 - ♦ Chemind Sound-Shield sound deadening system under tiles etc. to give the required acoustic value.

Coverage

Total usage for Newflex WAM membrane system generally is 1.25 -1.5 litres/m². Total usage rates for specific areas follow:

- **Wet Areas**
 - Walls 0.3 – 0.4 litres/m²
 - Floors 1.25 – 1.5 litres/m²
- **Sill Flashings**
 - Generally 1.0 litres/m²
- **Balconies, Decks, Planter Boxes, etc**
 - Generally 1.25 – 1.5 litres/m²

Packaging

Newflex WAM is packed in 15 litre plastic pails for the domestic market and in 20 litre metal pails for export.

Shelf Life

Unopened or resealed pails of Newflex WAM has a shelf life of 2 years, when stored in a dry, cool place.

Clean-up

Remove uncured Newflex WAM with water. Chemind GP Solvent may assist with the removal of cured product. Exercise care when using solvents. Please review all MSDS before use.



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