

Preparation

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

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

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

Application

Priming

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

For exposed decks, car park slabs, pools, pits or water features, use Chemind Epocote F100W water based epoxy at 6 -10m²/litre.

Detailing

Detail all internal corners, joints, cracks, outlets and penetrations with 150mm strip Chemind Reinforcing Fabric. Fabric should be bedded between heavy coats of Newflex membrane and centred over the joint.

Application of Continuous Membrane

Apply Newflex membrane by brush, roller, squeegee, or spray in two or more coats to minimum membrane thickness 1.0 mm DFT. Allow to dry fully between coats.

- High stress areas
 - ♦ Use Chemind Fibreglass Reinforcing Mat embedded in wet two coats of Newflex at 2 m²/litre per coat. After full drying, apply a flood coat of Newflex at 2 m²/litre.
 - ♦ Roofing, terraces, balconies, decks, box gutters, pools, water features and wet areas may be similarly treated or coated with Newflex-R100.

- Low stress areas

Apply two heavy coats of the selected Newflex membrane at 2 m²/litre per coat.

Surfacing

Newflex membrane is foot trafficable within 8 hours. Apply surfacing materials only to fully cured Newflex.

- Tanking
 - ♦ Cover with Chemind Protectoboard, Protectodrain or Rapid Drain, followed by backfill or landscaping.
- Exposed Surfaces
 - ♦ Use Chemind Tuffcote Duratop for foot traffic areas or Blockflex, texture render and acrylic paint for decorative finishes.
- Traffic Areas – Exposed Car Park Decks
 - Use fully reinforced Newflex Grey only.
 - ♦ Apply Chemind Tuffcote Duratop at 4m²/litre. Allow 24 hrs drying before exposing to foot traffic or 48 hrs before allowing vehicle traffic.
- Insulated - Thermally
 - ♦ Chemind Roofmate™ insulation board for guaranteed thermal insulation.
- Insulated - Acoustically
 - ♦ Use Chemind Sound-Shield sound deadening system under tiles etc. to give the required acoustic value.

Coverage

- High Stress Fully Reinforced Newflex Membrane Systems – 1.5 litres/m²
- Low Stress Newflex – 1-1.25 litres/m².

Packaging

Newflex is packed in 15 litre plastic pails.

Shelf Life

Unopened or resealed pails of Newflex have a shelf life of 2 years.

Clean-up

Remove uncured Newflex with water. Chemind GP Solvent may assist with cured product. Exercise care when using any solvents. Review all MSDS before use.



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