

Tuffcote Duratop

Slip Resistant Flexible Coating

Description

A tough, single-pack, UV stable material specifically developed as a slip-resistant coloured coating for exposed Chemind Roofing and Deck membrane systems or as a decorative, slip-resistant floor coating.

Uses

Tuffcote Duratop is ideally suited as a topcoat for vehicular trafficked car park decks, ramps and garage floors as well as on pedestrian trafficked podiums, roof decks, balconies, terraces, plant room floors, trafficable box gutters, steps pathways and swimming pool surrounds.

It is fully compatible with all Chemind water based membranes - Newflex, Newflex-R100, Newflex WAM and Aquagard Blue.

It can also be applied to most prepared surfaces encountered in construction.

Features

- No toxic or hazardous ingredients
- Water clean-up, Low odour
- Environmentally friendly
- Simple application, Fast cure
- Single-pack - no mixing
- Long life, Easy to maintain
- UV resistant
- Vehicle and pedestrian trafficable
- Hard wearing, non-slip surface
- Easily line-marked
- Resists dirt pick-up and tyre marking

Typical Properties

Colour	Grey or Sandstone
Composition	Reinforced, non-plasticised co-polymer
Solids	~70%
Application Temperature	5°C to 30°C
Service Temperature	-10°C to 60°C
Elongation	200%
Abrasion Resistance	No significant change

Preparation

When Applied to Chemind Membrane

- Membrane surface to be clean of all contamination. Any damaged areas must be repaired with the appropriate Chemind membrane and allowed to cure fully before proceeding.

When Applied to a Substrate

- Surfaces must be sound, smooth and free from dust, dirt, loose matter, oil, grease or other contaminants.
- All surface defects shall be repaired using a Tuffcote Duratop compatible exterior patching compound.
- Open joints shall be filled flush with Chemind Chemflex PU sealant.
- For maximum non-slip effect, concrete should be trowelled and finally finished with a light nylon/hair broom.

Application

When Applied to Chemind Membrane

- Apply Tuffcote Duratop directly to the membrane in one or two coats to give the desired finish.

When Applied to Substrate

- Apply one coat of Chemind Epocote F100W at 6 to 7 m²/litre and allow to dry.
- Apply a full brush coat of Tuffcote or Chemind Newflex to fill any significant cracks or joints.

Generally

- Apply a minimum of 2 full coats of Tuffcote Duratop by roller or brush, at the rate of 5 to 6 m²/litre per coat.
- Tuffcote Duratop may be diluted with up to 10% clean water to aid spreading.
- Slip resistance of Tuffcote Duratop may be enhanced by application using a texture roller and/or by adding fine silica sand into the coating prior to application. Up to 3 kg per 15 litres of silica sand may be added. Stir the contents periodically to maintain suspension of the sand.

Coverage

Typical total usage rate for Tuffcote Duratop is 5-6m²/litre per coat.

NOTE

- Heavy-duty trafficable waterproofing membranes for car parks and ramps must use Chemind Newflex membrane system fully reinforced with Chemind Fibreglass Reinforcing Mat. See the Chemind Newflex Data Sheet for more information.
- Light duty trafficable waterproofing membranes for balconies, walkways, roof decks etc may use Chemind Newflex-R100 membrane system. See the Chemind Newflex-R100 Data Sheet for more information.
- Tuffcote Duratop should not be used for areas subject to continuous ponding or immersion.

Packaging

Tuffcote Duratop is packed in 15 litre plastic pails.

Epocote F100W is packed in 4 litre and 20 litre sets.

Shelf Life

Unopened or resealed pails of Tuffcote Duratop will have a shelf life of 2 years from date of manufacture, when stored in a dry, cool place.

Clean-up

Remove uncured Tuffcote Duratop 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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