

MasterTop[®] TC 450

Clear UV resistant solventless epoxy coating for concrete

DESCRIPTION

MasterTop TC 450 is a solventless, high gloss, low viscosity epoxy coating designed for application as a clear hard wearing surface primarily over ground concrete or vinyl flake flooring.

RECOMMENDED USES

- Wear resistant finish to concrete
- Workshops
- Warehouse

FEATURES AND BENEFITS

- New technology - UV resistant, protects underlying epoxies from yellowing from UV exposure through glass
- Mild odour - suitable for indoor use.
- Resistant to mild acids/alkalis
- Easy application - by roller or squeegee with excellent surface wetting characteristics
- Long life - good mar resistance and resistance to mild alkalis and acids

PROPERTIES

Working time	50 minutes
Full service	7 days @ 25°C
Foot traffic	24 hours @ 25°C
Flexural strength	55MPa
Hardness (Shore A)	90
Compressive strength	50 MPa

APPLICATION

Ensure the substrate is clean, dry and free of additives, curing agents, oils etc. If coating concrete, prepare the substrate by grinding or captive blast cleaning as applicable to expose firmly adhered aggregate. Allow to dry if wet. Surface profile should exceed CSP 3.

If sealing vinyl flake flooring, sand the bonded flakes first.

Select a slow speed (400rpm) mechanical mixer and ensure thorough mixing. Add **MasterTop TC 450** Part B to **MasterTop TC 450** Part A. Mix until uniform. Apply by roller or squeegee at around 4m² per litre.

ESTIMATING DATA

One 10 litre kit of **MasterTop TC 450** = 20m² (2 x 250µm dft)

MasterTop TC 450				
L	Thickness in mm /m ²	m ³	kits /m ³	m ² /mm thickness
10	10mm	(0.01)	100	10 m ²

PACKAGING

MasterTop TC 450 Part A: 6 litres

MasterTop TC 450 Part B: 4 litres

Note: Part A packaging is large enough to receive Part B so will look “half full” prior to addition of Part B.

SHELF LIFE

MasterTop TC 450 has a shelf life of 12 months. Store out of direct sunlight, clear of the ground on pallets protected from rainfall.

PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, make sure that you obtain a copy of the BASF Safety Data Sheet (SDS) from BASF office or website.



We create chemistry

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MasterTop-TC450-ANZ-V5-0317

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