



The Chemical Company

# MASTERTOP<sup>®</sup> 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 FOR

- Wear resistant finish to concrete
- Workshops
- Warehouses

## FEATURES AND BENEFITS

- *New technology*
- *Mild odour, light colour*
- *Minimal sweat-out, blush or bloom*
- *Resistant to mild acids/alkalis*
- *Easy application by roller or squeegee*
- *Excellent surface wetting characteristics*
- *Minimal water spotting*
- *Low viscosity*
- *Good adhesion*
- *Good mar resistance*

## PERFORMANCE DATA

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 DIRECTIONS

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 4m<sup>2</sup> per litre.

## ESTIMATING DATA

One 10 litre kit of **Mastertop TC 450** = 20m<sup>2</sup> (2 x 250µm dft)

## 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.

## PRECAUTIONS

READ ALL SAFETY DIRECTIONS AND WARNINGS ON TINS BEFORE USE. REFER TO MATERIAL SAFETY DATA SHEET FOR HANDLING PROCEDURES.

Keep away from children. Avoid contact with skin and avoid breathing vapour. Always provide adequate personal protection (gloves and goggles etc) during use. Always provide adequate ventilation, especially in confined spaces.

If swallowed, DO NOT induce vomiting. Give plenty of water or milk. If skin contact occurs, quickly remove contaminated clothing and wash affected areas thoroughly with soap and water.



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All BASF Construction Chemicals Australia & New Zealand data sheets are updated on a regular basis, it is the user's responsibility to obtain the most recent issue AMtTC450/1/0408

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## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF Construction Chemicals** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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## NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by **BASF Construction Chemicals** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **BASF Construction Chemicals**, are responsible for carrying out procedures appropriate to a specific application.

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