



The Chemical Company

MASTERTOP® TC 406

Industrial concrete sealer

DESCRIPTION

MASTERTOP TC 406 is a water based, two pack clear epoxy system formulated to provide ease of application, fast hardening and excellent adhesion to concrete.

It is a hard wearing, anti-dusting sealer for a wide range of industrial and commercial applications.

RECOMMENDED FOR

- Warehouses
- Factories
- Car parks
- Plant rooms
- General industrial applications

FEATURES AND BENEFITS

- **Fast curing**
- **Durable**
- **Ease of application**
- **Excellent adhesion**
- **Dust sealing**

PERFORMANCE DATA

Solids content	45% v/v
Working time	4 hours @ 25°C
Tack free time	45 mins @ 25°C
Recoat time	6-12 hours @ 25°C
Cure time	5 days @ 25°C

APPLICATION DIRECTIONS

Substrate Condition

Concrete should be at least 28 days old.

Surfaces must be free from laitance, dirt, dust, paint, grease, oils, rust and other contaminants. Surfaces must also be dry.

Concrete surfaces should be mechanically prepared to provide a surface profile that has a texture similar to fine/medium sandpaper.

Priming

Prime concrete surface using **MASTERTOP TC 406** at a rate of 12m²/litre. Protect all newly primed surfaces and allow to harden fully, but the next stage should be applied within 24 hours of priming. If this time is exceeded the concrete must be re-primed.

Application

Use a slow speed (400rpm) mechanical mixer and ensure thorough mixing.

Add **MASTERTOP TC 406** Part A to **MASTERTOP TC 406** Part B. Mix until uniform. **MASTERTOP TC 406** can be applied by roller or airless spray to achieve a 40 micron dry film thickness per coat.

A non-slip finish can be achieved by broadcasting fine clean dry aggregate before hardening commences. **MASTERTOP TC 406** can be applied as a single application sealing coat, however, multiple coats will provide greater durability.

CURING

Cure time will vary depending on the ambient and substrate temperatures. **MASTERTOP TC 406** will cure to a tack free surface within 45 minutes at 25°C and is overcoatable after 6 hours and not more than 12. Full chemical and mechanical resistance is obtained after 5 days @ 25°C.

ESTIMATING DATA

Over dense surfaces with texture similar to fine-medium sandpaper, the coverage rate is 12m² per litre per coat.

PACKAGING

MASTERTOP TC 406 is available in a 60 litre kit comprising:

Part A: 2 x 20 litre pails
Part B: 1 x 20 litre pail

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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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF** 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.

NOTE

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

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