

MASTERTOP® TC 471

Clear UV resistant polyurethane coating for concrete

DESCRIPTION

MASTERTOP TC 471 is a clear UV resistant two component polyurethane coating system for concrete in both internal and external applications.

RECOMMENDED FOR

- General retail operations
- Restaurants
- Television studios
- Photo studios
- Carparks
- Workshops
- Printing operations
- General commercial areas
- General externally exposed concrete
- Correctional facilities
- Animal care centres

FEATURES AND BENEFITS

- Provides an aesthetically pleasing matt or gloss finish
- Fast hardening
- Non yellowing, UV stabilised – external applications
- Good chemical and stain resistance
- Excellent scratch resistance
- Re-coatable
- Good general durability

PERFORMANCE DATA

Shelf life	6 months
Cure time	7 days @ 25°C
Work time	4 hours @ 25°C
Tack free time	30 – 45 minutes @ 25°C
Recoating time	24 hours @ 25°C

Surface staining may result from exposure to some aggressive chemicals.

ESTIMATING DATA

Approximately 180m² per coat.

APPLICATION

Concrete should be at least 28 days old. Ensure the substrate is clean, dry and free of additives, curing agents, oils etc. Prepare substrate by grinding or captive blast cleaning as applicable to expose firmly adhered aggregate. Allow to dry if wet. Surface profile should exceed CSP 2.

For highest durability, prime external concrete surfaces first with **MASTERTOP TC 406**.

Select a slow speed (400rpm) mechanical mixer and ensure thorough mixing. Add **MASTERTOP TC 471 Part B** to **MASTERTOP TC 471 Part A**. Mix until uniform. Then add up to 15% by volume potable water was necessary to adjust viscosity for first coat. Apply in an even coat over the surface at up to 100 micron wet film thickness. Apply a second, undiluted coat to achieve a minimum total of 120 micron dft.

MASTERTOP TC 471 can be applied by roller, spreader bar or airless spray. Allow the coating to cure for 7 days prior to subjecting to full exposure. For extra non-slip finish broadcast a suitable fine, clean and dry aggregate into the first coat.

Always protect from rain for 24 hours after application.

Avoid application when relative humidity is >80% and temperature is <12°C.

PACKAGING

MASTERTOP TC 471 is packed as a 18 litre kit comprising:

MASTERTOP TC 471 Part A: 14.4 litres
MASTERTOP TC 471 Part B: 3.6 litres

PRECAUTIONS

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.

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



The Chemical Company

MASTERTOP[®] TC 471

AMITC471/3/1111

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.

BASF Australia Ltd

A.B.N. 62008437867

Head Office: 11 Stanton Road Seven Hills, NSW 2147

Ph. (02) 8811 4200

Newcastle (02) 4961 3819

Canberra (02) 6280 6010

Brisbane (07) 3633 9900

Townsville (07) 4774 7344

Melbourne (03) 9549 0300

Adelaide (08) 8139 7500

Perth (08) 9366 2600

Darwin (08) 8984 3269

Kalgoorlie 0417 772 355

BASF New Zealand Ltd

BASF WEB SITES

Head Office: 45 William Pickering Drive, Albany, Auckland Ph: (09) 414 7233

www.basf-cc.com.au

www.basf-cc.co.nz

www.meyco.basf.com