

# MASTERTOP<sup>®</sup> TC 462

A coloured two component hardwearing, polyurethane coating

## Description

MASTERTOP TC 462 is a solvented two component polyurethane coating which, when applied to MASTERTOP or MASTERSEAL systems, produces a UV wear-resistant surface. It is available with a semi-gloss finish.

## Primary uses

Surface coating particularly suitable as a finish top coat. MASTERTOP TC 462 offers improved UV resistance and greater resistance to scratching and general abrasion.

## Advantages

- Good water resistance
- Excellent resistance to abrasion
- UV stable
- Good adhesion to polyurethane and epoxy substrates
- Easy to clean

## Packaging

MASTERTOP TC 462 is available in 20 litre packs.

## Theoretical coverage

From 0.1 litres/ m<sup>2</sup> per coat onwards.

The theoretical spreading rate has been calculated for the stated volume solids and dry film thickness. A practical spreading rate will depend on the actual dry film thickness, the nature of the substrate and the relevant consumption factor.

Volume Solids : 50%

## \*Typical properties

Mixing ratio base : curing agent	7 : 1 by volume
Density at 20°C, mixture	1.20 gm/cm <sup>3</sup>
Touch dry	After approx. 4 hours
Curing, to foot traffic	After 24 hours
	Bearing loads after approx. 7 days
Pot life at 20°C	Approx. 2 hours
Pot life at 40°C	Approx. ½ hour

## Guide to application

MASTERTOP TC 462 is normally applied, but not restricted to, elastomeric MASTERTOP products.

## Substrate preparation

Previous coatings that are within their overcoating times do not require preparation.

Coatings that have exceeded the overcoating window, or coatings that are dirty, require abrading and cleaning.

Suitable means of preparation are:

High pressure water jetting, power scrubbing with detergent etc.

On metal substrates:	Sand blasting or mechanical abrasion with a suitable machine or sand paper
On concrete:	High pressure water jetting, power scrubbing with detergent

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## Mixing:

Pour the B component into the A component and mix until streak free. Pour into a clean container and remix for 30 seconds.

## Application:

Apply by roller or airless spray at approx. 100µm wft. Do not apply in a single coat at more than 130µm. Apply one or two coats as required.

**When applying MASTERTOP TC 462 by spray, thinning is recommended to obtain the best possible finish. The necessary amount of thinning will depend on the actual conditions.**

## Storage

Store under cover out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air conditioned environment.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult BASF's Technical Services Department.

MASTERTOP TC 462 is sensitive to moisture. Keep cans tightly closed until use. Open cans with caution due to possible high pressure. Even small traces of water in the mixed paint will reduce pot life and result in film defects.

## Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative.

BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

## Quality and care

All products originating from BASF's Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and OHSAS 18001.

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\* Properties listed are based on laboratory controlled tests.

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