



The Chemical Company

# MASTERTOP® P 679

Polyurethane adhesion promoter

## DESCRIPTION

**Mastertop P 679** is a single component, moisture curing polyurethane adhesion promoter. It contains solvents.

## RECOMMENDED FOR

**Mastertop P 679** is primarily intended for use as an adhesion promoter on sand broadcast epoxy primers under spray and hand applied waterproofing membranes. **Mastertop P 679** also finds use as a primer on timber and some plastic substrates.

## FEATURES AND BENEFITS

- *Quick to cure*
- *High bond strengths*
- *Low viscosity*
- *Easy to apply*

## TECHNICAL DATA

Density		g/cm <sup>3</sup>	1.0
Solid content		%	43
Viscosity	4mm DIN cup	s	12
Membrane, wear coat, top coat application	at 10°C	hours	min. 4
		hours	max. 6
	at 20°C	hours	min. 2
		hours	max 5
	at 30°C	hours	min. 1
		hours	max. 4
Permissible relative humidity	min.	%	40
	max.	%	90

\*Above figures are guide values and should not be used as a base for specifications.

## SUBSTRATE PRE-TREATMENT

The substrate must be clean and dry and free from oil, grease and loose material and any other substance which may impair adhesion. The temperature of the substrate must be at least 3 degrees Celsius above the dew point.

## APPLICATION METHOD

**Mastertop P 679** is a single component material. Prior to application, the temperature of the material should be in the range of 15–25 °C. Pour the amount required from the original container into an application container and apply evenly by roller, brush or by spraying to the prepared substrate. **Mastertop P 679** is moisture curing and will foam if applied too thickly. It is, therefore, important to apply **Mastertop P 679** thinly and to avoid ponding. Apply uniformly and finish by back rolling. The curing time of the material is influenced by the humidity and the ambient and substrate temperatures.

At low humidity and low temperatures, the chemical reaction is slowed down; this lengthens the curing time and the re-coating intervals. At high humidity and high temperatures the chemical reaction is accelerated thus the time frames mentioned above are shortened accordingly. Following application the material should be protected from direct contact with water for approx. 8 hours. Allow solvents to flash off before applying the following coat.

## ESTIMATING DATA

The consumption of **Mastertop P 679** is 0.05 – 0.15 kg/m<sup>2</sup> depending on the condition and porosity of the substrate.

*The above consumption figures are intended as a guide only and may be higher on very rough or porous substrates.*

## CLEANING

Clean tools, machine parts with **Cleaner 40**.

## PACKAGING

**Mastertop P 679** is supplied in 18.5kg pails.

## SHELF LIFE

Store in original containers, under dry conditions and a temperature between 15–25 °C. Do not expose to direct sun-light.

## PRECAUTIONS

### Warning and precautions

In its cured state, **Mastertop P 679** is physiologically non-hazardous. The following protective measures should be taken when working with the material:

Wear safety gloves, goggles and protective clothing. Avoid contact with the skin and eyes. In case of eye contact, seek medical attention. Avoid inhalation of the fumes. When working with the product do not eat, smoke or work near a naked flame. For additional references to safety-hazard warnings, regulations regarding transport and waste management please refer to the relevant Material Safety Data Sheet. The regulations of the local trade association and/or other authorities, regulating safety and hygiene of workers handling polyurethane and Isocyanates must be followed.



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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 AMtopP679/7/0208

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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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