

MASTERTOP® P 684

One component solvent containing wash primer

DESCRIPTION

Mastertop P 684 is a low viscosity, solvent containing pigmented one-component adhesion promotion primer.

RECOMMENDED FOR

Mastertop P 684 is used as a thin layer adhesion promotion primer on iron, steel, stainless steel, as well as aluminium, zinc, copper and other non-ferrous metals in conjunction with **Conipur** and **Conipox** coatings (if in doubt carry out an adhesion test).

FEATURES AND BENEFITS

- Excellent adhesion
- Short re-coating interval
- Single component
- Low viscosity
- Easy to apply

PERFORMANCE DATA

Density		g/cm ³	0.9
Solid content		%	25
Viscosity	4mm DIN cup	s	20
Re-coating interval	at 10°C	hours	min. 2 max. 4
	at 20°C	hours	min. 1 max. 2
	at 30°C	hours	min. 1 max. 2
Substrate and application temperatures		°C	min. 8
		°C	max. 30
Max. permissible relative humidity		%	80

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

APPLICATION

Mastertop P 684 is a one-component, pigmented material. It must be thoroughly stirred before use.

Mixing

Prior to mixing, the temperature of the material must not exceed 15-25°C.

To achieve a homogeneous mix, the material must be thoroughly mixed with a mixing device at about 300 rev/min. Ensure that the mixing device reaches side and bottom areas of the mixing vessel. Stir for at least 3 minutes or until the blend is homogeneous and streak free.

Mastertop P 684 is applied to the pre-treated substrate using a rag (wear protective clothing and gloves) or a short hair paint roller. Ensure that **Mastertop P 684** is applied evenly and thinly. After application the material should be protected from direct contact with water for approximately two hours. Within this period, contact with

water can seriously impair interlayer adhesion. Ensure that the solvent contained in the material is allowed to flash off completely before applying a subsequent coat.

Substrate pre-treatment

Substrates to be coated should be firm, dry, load-bearing, free of loose and brittle particles and substances that impair adhesion such as oil, grease, rubber skid marks, paint or other contaminants. As a rule, pre-treatment of the substrate by grit or shot blasting or scavelling (including the necessary post-treatment) is mandatory.

The temperature of the substrate must be at least 3°C above the current dew point temperature.

METHOD STATEMENT

1. Primer
 - 1.1 Substrate pre-treatment:
Refer to substrate pre-treatment
 - 1.2 **Mastertop P 684** is applied with a rag or paintbrush as thinly as possible and distributed evenly over the substrate (note solvent flash-off time and protective measures).
Coverage: max 60g/m²

CLEANING

Tools used (paintbrushes and rags) must be disposed of in accordance to local regulations.

PACKAGING

Mastertop P 684 is supplied in 4.6kg pails.

STORAGE

Store in original drums, under dry conditions and a temperature ranging from 15-25°C. Do not expose to direct sunlight.

Under these conditions the material has a shelf life of 12 months.

PRECAUTIONS

Read all safety directions and warnings on tins before use.

Mastertop P 684 is physiologically non-hazardous in its cured condition.

The following protective measures should be taken when working with the material:

Wear safety gloves, goggles and protective clothing. Avoid inhaling the fumes and contact with the skin. When working with the product do not eat, smoke or work near a naked flame

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 Construction Chemicals **Material Safety Data Sheet (MSDS)** from our office or our website.



The Chemical Company

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SMtopP684/2/0609

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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 Construction Chemicals**, are responsible for carrying out procedures appropriate to a specific application.

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