

# MASTERTOP<sup>®</sup> P ADDITIVE

Latex Additive for Mastertop Levelling Compounds

## DESCRIPTION

**MASTERTOP P Additive** is a ready to use latex additive for modifying Mastertop levelling compounds.

## RECOMMENDED FOR

- indoor use
- smoothing and levelling of floors prior to the installation of:
  - textile and resilient flooring
  - parquet or laminate flooring
- production of smooth and level surfaces
- levelling of:
  - cementitious substrates
  - timber substrates
- for layer thicknesses from 1 to 20mm

## FEATURES AND BENEFITS

- **rapid curing: walkable after approximately 4 hours.**
- **excellent adhesion properties.**
- **increased flexibility.**
- **improves water resistance.**
- **suitable for use underfloor heating systems.**
- **increased durability.**

## TECHNICAL DATA

Supply form	Liquid
Colour	Milky white
Specific gravity	1.01
pH value	Approx. 10.5
Storage temperature	Sensitive to frost
Application temperature	+5°C to +25°C
Toxicity	Non-toxic
Mixing ratio	20kg of powder + 5.5 litres of liquid For partial quantities: 1kg of powder + approx. 275ml of liquid
Working time*	Approximately 25 minutes
Curing time* - walkable after	approx. 4 hours

- *At 23°C and 50% relative humidity. Higher temperatures reduce; lower temperatures increase the times given. Higher humidity increases the times given.*

## APPLICATION DIRECTIONS

### Preparation of Substrate

Substrates must be clean and free of oil, sealers, curing compounds, paint, polymer coatings, dust, polish or other foreign matter.

Remove all weak or broken pieces of concrete. If necessary, employ mechanical cleaning methods and equipment. If sealers, paint, polymer coatings or curing

compounds are present on substrate, remove with mechanical shotblasting or grinding equipment.

Prior to levelling timber floors ensure any loose boards are firmly fixed into place. Where timber floors are sufficiently rigid but are uneven the technique is to pre-level prior to fixing 6 mm – 12 mm plywood or FC sheet to provide a sound stable base for the new flooring.

Modified **MASTERTOP P-10/P-15** is best applied where the application temperature is between 5°C and 30°C. Outside this range, please refer to your local BASF Construction Chemicals Technical Representative.

Voids and cracks (water pipes, holes, drainage pipes etc) should be filled to prevent seepage through to lower levels. Consult with your local BASF Construction Chemicals Technical Representative for product recommendations.

Note: Joints should always be cut in toppings directly above those in the base slab to avoid random cracking.

### Priming

#### Absorbent surfaces

Priming is normally required to prevent 'pin holing' but may not be required in some circumstances – contact your local BASF Construction Chemicals technical sale representative.

#### Non-absorbent surfaces

Prime the surface using **PCI Gisogrund 404**. Refer to product technical data sheet.

### Mixing

Mechanical mixing is required for modified **MASTERTOP P-10/P-15**.

For small areas, a slow speed stirrer of not more than 600 rpm such as a Festo RW3E mixer fitted with a helical (e.g. Jiffy) paddle, is suitable. Mixing time is 4 minutes.

Place all of the **MASTERTOP P Additive** into the mixing vessel. Whilst mixing, slowly add the powder to the water within 3 minutes then mix for a further 1 minute. Allow mixed **MASTERTOP P-10/P-15** to stand for 3 minutes and then remix prior to application.

For improved efficiency and continuous production of **MASTERTOP P-10/P-15**, it is recommended to use at least two mixing buckets.

For larger jobs, the use of a mechanical mixer/pump unit is recommended. Refer to your local BASF Construction Chemicals Technical Representative for suitable



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Pour mixture over substrate or pump through a suitable pump to desired thickness.

Do not coax **MASTERTOP P-10/P-15**; it will seek its own level.

For hard to reach areas and touch-ups, a spreader may be used.

Whether pouring from a mixing vessel or using a mechanical mixer with an application hose, the discharge point should be approximately 200mm from the floor to prevent splashing and air entrapment.

Progress should be steady and even. Application should take place continuously into the preceding wet material to ensure even thickness and flow. Do not make new edges and 'fill in' the middle.

The fresh wet topping can be rolled immediately with a suitable long spiked roller to release all air retained within the underlayment. Do not roll material that has been applied for more than 2-3 minutes.

Edges may be feather edged using a steel trowel if required. Maximum thickness should be 20mm.

## ESTIMATING DATA

A 20kg bag **MASTERTOP P-10/P-15** mixed with 5.5 litres of **MASTERTOP P Additive** yields 12.4 litres (0.0124m<sup>3</sup>).

## CLEANING

Clean tools, machinery and mixing equipment with water immediately after use; once the product has cured it can no longer be removed with water.

## SHELF LIFE

**MASTERTOP P Additive** – 12 months when stored in dry conditions, no permanent storage over

## PACKAGING

**MASTERTOP P Additive** Liquid: 10 litre plastic bottle

## PRECAUTIONS

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.

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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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