

MasterTop[®] 135PG

Pumpable & pourable mortar for flooring overlay

DESCRIPTION

MasterTop 135PG is a ready-to-use, pumpable, pourable, screedable and high-strength cement based overlay for floors in indoor and outdoor.

MasterTop 135PG is suitable for levelling rough and uneven concrete floors in a thickness layer from 5-15mm. **MasterTop 135PG** is formulated with OPC, reinforced with PAN (polyacrylonitrile) fibers and mineral aggregates.

CHARACTERISTICS

- An economical, ready-to-use cement based flooring overlay, that hardens free of bleeding at following consistency: from flowable to high plastic.
- A mortar that retains good workability for at least 30 minutes at 15 to 25°C.
- Used as either a stand-alone final floor finish or as an underlayment prior to installation of tile, stone etc. in internal, external, wet and dry locations.
- A ready-to-use product, water is added on site.
- The use of a high-yield mortar pump (screw pump) allows the prepared product to be pumped without segregation.
- Can simply be poured out and distributed.
- The mortar will cure without blisterings.
- Bonded system onto fresh or cured concrete.

FIELDS OF APPLICATION

- Use on rough concrete and cementitious floor screeds, as well as other suitable substrates.
- Industrial floors with normal loading.
- Where a mortar with high final strength similar in colour to concrete is desired.
- Reprofiling of horizontal surfaces as industrial inside and outside floors, etc.

PACKAGING

MasterTop 135PG is packaged in 25kg moisture-resistant bags. Do not use the product if bag is damaged.

TYPICAL PROPERTIES*

Compressive strength (28 days) EN 13892-2	≥ 60 MPa
Flexural strength (28 days) EN 13892-2	≥ 10 MPa
E-modulus (28 days) EN 13412	30 kN/mm ²
Adhesion to concrete EN 13892-8 class > B 2,0	2.5 N/mm ² (concrete failure)
Abrasion resistance BOHME EN 13892-3:2004	A6 (max. 6 cm ³ / 50 cm ²)
Impact resistance (IR) EN ISO 6272-1 (EN 1504-2) On concrete block MC 0,40 acc. EN 1766	Class II

Note: The data shown are based on controlled laboratory tests with 3.5 litre water / 25 kg. Reasonable variations from the results shown can be expected. Field and laboratory tests should be controlled on the basis of the desired placing consistency rather than strictly on the water content.

APPLICATION PROCEDURE

For application procedure, please refer to BASF Method Statement or contact the BASF Technical Services Department.

CONSUMPTION

25kg **MasterTop 135 PG**, mixed with 3.0-3.5 litres of water produces approximately 12.5 litres mortar (0.0125 m³).

FIELD SERVICE

BASF recommend that the user/applicator requests the services of the local representative for a pre-job conference to carefully plan each step of the installation.

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STORAGE & SHELF LIFE

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction.

Shelf life is 12 months in the tightly closed original packages stored as above.

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.

SAFETY PRECAUTIONS

As with other products containing Portland cement, the cementitious material in **MasterTop 135PG** may cause irritation.

Avoid contact with eyes and prolonged contact with skin. In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes. Call a physician.

In case of contact with skin, wash skin thoroughly.

Keep product out of reach of children.

Consult the Material Safety Data Sheet for further information regarding this product

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.

* Properties listed are based on laboratory controlled tests.

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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.