

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.

Note: For higher thickness applications of 50 mm and above contact the Master Builders Solutions Technical Services Department.

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 blistering's.
- 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 color 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.

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 liter 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 Master Builders Solutions Method Statement or contact the Master Builders Solutions Technical Services Department.

CONSUMPTION

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

FIELD SERVICE

Master Builders Solutions 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.

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 Master Builders Solutions's Technical Services Department.

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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 Master Builders Solutions representative.

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

QUALITY AND CARE

All Master Builders Solutions Products are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health and safety standards of ISO 9001 and Master Builders Solutions ESHQ recommendations.

* Properties listed are based on laboratory controlled tests.

® = Registered trademark of the MBCC-Group in many countries

CONTACT

Should you require any further information, please do not hesitate to contact us:

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions 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.

Disclaimer:

In view of widely varying site conditions and fields of application of our products, this technical data sheet is meant to provide general application guidelines only. This information is based on our present knowledge and experience. The customer is not released from the obligation to conduct careful testing of suitability and possible application for the intended use. The customer is obliged to contact the technical help-line for fields of application not expressly stated in the technical data sheet under "Fields of Application". Use of the product beyond the fields of application as stated in the technical data sheet without previous consultation with Master Builders Solutions and possible resulting damages are in the sole responsibility of the customer.

All descriptions, drawings, photographs, data, ratios, weights i.e. stated herein can be changed without advance notice and do not represent the condition of the product as stipulated by contract. It is the sole responsibility of the recipient of our products to observe possible proprietary rights as well as existing laws and provisions. The reference of trade names of other companies is no recommendation and does not exclude the use of products of similar type. Our information only describes the quality of our products and services and is no warranty. Liability is accepted for incomplete or incorrect particulars in our data sheets only in the event of intent or gross negligence, without prejudice to claims under product liability laws.