



MEP®.MONT **BLOC**

Block laying mortar

- Ready to use
- Cement content - 350 kg/ton of dry sand

PRODUCT DESCRIPTION

MEP®. MONT BLOC is a specially formulated grey cement-based block laying mortar. It is designed for laying blocks, stones, bricks and to fill gaps between concrete and blocks

USES

MEP®. MONT BLOC is suitable for:

- Concrete block
- Natural stone
- Brick

TECHNICAL CHARACTERISTICS

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES

Comply to norms EN 998-1 / DTU 20.11

POWDER CARATERISTICS

Color:	Grey
Powder density (kg/m ³):	± 1500
Particle size:	≤ 4 mm
Reaction to fire:	Euroclass A1

PASTE CARATERISTICS

Mixing ratio:	± 16%
Paste density:	± 2.1
pH:	≥ 12
Pot life:	≤ 1 hours
Open time:	≤ 15 min
Application temperature:	+5 °C to +35 °C

HARDEN PRODUCT CARATERISTICS

Bed thickness:	10 to 40mm
Flexural strength	≥ 4 MPa
Compressive strength	≥ 15 MPa
Water absorption coefficient	≤ 0,4 kg/m ² ·min ^{0,5}
Adhesion strength on concrete block	≥ 0.5 MPa

Note: setting times are quoted at 20°C and are temperature and humidity dependent

REFERENCE MATERIAL - CE MARKING UNDER SYSTEM 4

Product norm:	EN 998-1
Flammability:	EN 13501-1
Good practices:	DTU 20.1

CHEMICAL CONTENT

Portland cement, graded sand, specific additives

APPLICATION

COVERAGE

25Kg bag yield 12.5 Lts

APPLICATION

Surface preparation

- Ensure that surfaces are clean, sound and free of dust or any material which may affect adhesion
- Surface should be pre-wetted prior to application

Mixing ratio: 4 lts (+/- 0.5lts) water per 25 kg bag

- Gradually add the powder into the required water quantity while mixing
- The use of a low-speed mechanical mixer or a concrete mixer is recommended
- Consistency of the mix must enable correct laying of the materials without “squashing” the joint

Application

- Apply **MEP®. MONT BLOC** on the blocks using a trowel
- Place the blocks onto the mortar ensuring good contact
- Remove excess material before setting
- Final bed thickness should be between 10 to 15mm for horizontal joint

RECOMMANDATION

- Do not apply in wet weather, or in temperatures below 5°C or over 35°C
- Should the mortar stiffen up due to delays in application then discard the product and mix a fresh batch

PRACTICAL INFORMATIONS

- Packaging: 25kg triple-ply paper bags
- Handling and storage: 6 months if kept in a dry cool place in the original packaging
In more extreme conditions this period might be shortened
- Tools: Mechanical mixer, concrete mixer, trowel

IMPORTANT NOTE

SAFETY AND HYGIENE:

All the information about conditions of use, storage, transport and removing chemical waste is available on the product Safety Sheet. The product and its packaging must be disposed of according to current legislation and it is the responsibility of the product end user

LEGAL NOTICE:

Our products are fully covered by a public liability insurance

The data contained in this document is based on our experience and technical knowledge, gained during laboratory assays, and our bibliography.

We will not be responsible for any product applications not indicated in this datasheet. The dosing and usage amount data are only guidelines, based on our experience, and may alter due to atmospheric or on-site conditions. For correct dosing and usage amounts, it is necessary to conduct a trial or assay “in situ”, for which the client is responsible. If you have any query or require addition information or clarification, please consult our technical department or website www.mep.co.mu