



MEP.MUR **FIN**

Ceiling & Concrete surface render

- Ready to use
- Smooth finish
- Suitable for spray machines

PRODUCT DESCRIPTION

MEP®. MUR FIN is a specially formulated grey cement based ceiling & concrete surface render for internal and external application

MEP®. MUR FIN is a ready-to-use product that does not require the use of an adhesion primer

USES

FEATURES AND BENEFITS

MEP®. MUR FIN is suitable to all surfaces constructed from the following:

- Shuttered Concrete - concrete wall / ceiling / beams / Column
- Concrete blocks
- Natural stone
- Clean, sound, well adhered existing render
- Fiber cement board (*using MEP®. PRIM GP as binder*)

FINISHES

Sponge finish ⁽¹⁾

Trowel Smoothed ⁽¹⁾

Fine Scraped

(1) The float/sponge/trowel smoothed finishes produce inherent micro cracking on the render surface which may affect the aesthetical appearance but does not affect its durability

TECHNICAL CHARACTERISTICS

REFERENCE MATERIAL - CE CERTIFICAT No 16-13431-2784

Product norm:	EN 998-1
Test norms :	EN 1015-11 / EN 1015-12 / EN 1015-18 / EN 1015-20
Flammability:	EN 13501-1
Good practices:	DTU 23.1

CHEMICAL CONTENT

Grey Portland cement, Hydrated lime, selected sand, water-repellent additive, specific additive

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES

Comply to norms EN 998-1 / DTU 23.11

POWDER CARATERISTICS

Color:	Grey
Powder density (kg/m ³):	± 1350
Particle size:	≤ 0.9 mm
Reaction to fire:	Euroclass A1

PASTE CARATERISTICS

Mixing ratio:	± 22%
Paste density:	± 1.9
pH:	≥ 13
Pot life:	≤ 2 hours
Open time:	≤ 45 min
Application temperature:	+5 °C to +35 °C

HARDEN PRODUCT CARATERISTICS

Bed thickness:	3 to 8mm
Flexural strength, UNE-EN 1015-11 : 2000	≥ 4 MPa
Compressive strength, UNE-EN 1015-11 : 2000	≥ 15 MPa
Water absorption coefficient, UNE-EN 1015-18:2003	≤ 0,5 kg/(m ² ·min ^{0,5})
Adhesion strength on concrete support UNE-EN 1015-12:2000	≥ 0.5 MPa
Adhesion strength on concrete block UNE-EN 1015-12:2000	≥ 0.5 MPa

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

APPLICATION

COVERAGE

20Kg bag will cover 2m² @ 5mm

2.0 Kg / mm / m²

The coverage figure given is theoretical due to wastage factors and the variety and nature of possible substrates, practical coverage figures will be reduced

APPLICATION

Surface preparation

- Ensure that surfaces to be rendered are clean, sound and free of dust, release agent, fungi and/or any material which may affect adhesion
- Remove all traces of plaster, paint, etc
- All unsound areas, flaky or peeling layers must be removed and repair
- Construction of the masonry must be compliant with DTU 23.1 / 26.1 / 20.1
- Surface should be pre-wetted prior to application

Notes: New walls must be allowed to cure for minimum periods to ensure that movement does not affect the rendering

Mixing

Mixing ratio: 4.5 lts (+/- 0.5lts) water per 20 kg bag

- Gradually add the powder into the required water quantity while mixing to avoid lumps forming
- Mix thoroughly to a creamy consistency
- Allow mix to gel for 2-3 min and then remix before use

NB: Never add more water to the mix. Should the mortar stiffen up due to delays in application then discard the product and mix a fresh batch

Application (*Suitable for machine or manual applications*)

- **MEP®. MUR FIN** is ready to use and does not require the use of an adhesion primer
- **MEP®. MUR FIN** should be applied directly on concrete surface by hand troweled or spray applied
- Ruled to a maximum thickness of 8mm per coat
- Wait for the mortar to set sufficiently before final profiling and finish to the desired effect

Reinforcement – Alkaline resistant fiber glass mesh _ MEP®. TRAME 09

Good practices _DTU 23.1

- At the junction between masonry and chaining, lay a strip of MEP.TRAM reinforce mesh suitable for this use overflowing 15 cm above the floor and 15 cm below the 1st joint of the underlying masonry
- At the junction between different materials, bridge with an overflow of 15 cm on both sides
- 50 x 30 cm mesh must be laid in the corners of the door and window frames

LIMITATIONS

Do not use on:

- Gypsum
- Paint
- Wood
- Weak mortar or plaster
- All type of metal: Steel, Aluminum...
- Other substrates not mention in this tds

RECOMMANDATIONS

- Do not apply in wet weather, or in temperatures below 5°C or over 35°C
- Dampen the substrate prior to application
- Avoid application under a full sun or on a very hot surface. This can cause shrinkage cracks and/or the loss of mechanical strength in the one coat mortar applied
- To prevent it from drying too quickly in windy condition, it is preferable to protect the surface receiving direct dry warm winds
- The day after the application, it is possible to moisten the plaster from the bottom up with a jet set in fog to rehydrate it (optimization of the cure). Do not perform this operation in direct sunlight
- Do not apply more than 8 mm or less than 3 mm thick

PRACTICAL INFORMATIONS

- Packaging: 20kg 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, Spray machine, trowel, sponge

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