



MEP.MUR **LISSE**

Cementitious fairing coat

- Pore filler and levelling mortar
- Internal and external use
- Ultra-smooth finished

PRODUCT DESCRIPTION

MEP®. MUR LISSE is a single component, polymer-modified, cementitious mortar used to produce a high quality surface levelling and pore filler

MEP®. MUR LISSE has been developed to comply with the requirements of EN 1015-11

USES

MEP®. MUR LISSE is used as levelling mortar, infilling surface imperfections, making good concrete blow holes and filling small holes. It is also used to patch concrete repairs

FEATURES AND BENEFITS

- Specially formulated to provide a smooth and level surface
- Used as a pore filler and a levelling mortar
- Easy to apply - does not slump or slip
- Breathable - Allows vapor to escape
- Excellent bond to concrete

MEP®. MUR LISSE suitable to masonry and walls conforming to DTU 23.1. It can also be applied

- To fiber cement board
- To gypsum board – using **MEP®. PRIM GP**
- To existing painted wall

TECHNICAL CHARACTERISTICS

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 or White Portland cement, selected sand, specific additive, microfiber

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES

POWDER CARATERISTICS

Color:	Light Grey / Grey or Off white
Powder density (kg/m ³):	± 1000
Particle size:	≤ 0.1 mm
Reaction to fire:	Euroclass A1

PASTE CARATERISTICS

Mixing ratio:	± 40%
Paste density:	± 1.6
pH:	≥ 12
Pot life:	≤ 2 hours
Open time:	≤ 10 min
Overcoating time:	± 1 hour
Bed thickness	0.5 to 3mm
Application temperature:	+5 °C to +35 °C

HARDEN PRODUCT CARATERISTICS

RENDERING & PLASTERING MORTAR

Flexural strength, UNE-EN 1015-11 : 2000	≥ 2 MPa
Compressive strength, UNE-EN 1015-11 : 2000	≥ 10 MPa
Adhesion strength on concrete substrate UNE-EN 1015-12:2000	≥ 0.8 MPa

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

APPLICATION

COVERAGE

1.7 Kg / m² @ 1mm

5.0 Kg / m² @ 3mm

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 skimmed are clean, sound and free of dust, release agent, fungi and/or any material which may affect adhesion
- All unsound areas, flaky or peeling layers must be removed and repair
- Surface should be pre-wetted – allow excess water to drain off before applying **MEP®. MUR LISSE**

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

Mixing ratio: 7.5 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 – the use of a low speed mechanical mixer is highly recommended
- 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

As a pore filling compound

- Use a palette knife or similar tool to apply the mortar, pressing well into the pores
- Finish flush to the surface and rub off any excess mortar
- Leave the pore-filling mortar to harden first before re-wetting and applying the levelling coat
- Maximum depth and diameter of application: 5 mm

As a surface levelling compound

- Apply with a steel float to a thickness of about 0.5 mm pressing well into the damp substrate
- If a thicker coat is needed to hide deeper surface imperfections, apply the second coat when the mortar has hardened sufficiently to support it
 - Minimum thickness of application: 0.5 mm per layer
 - Maximum thickness of application: 3 mm per layer
- Use a steel float to provide a smooth surface when the mortar has firmed up sufficiently
- Do not re-wet the surface before troweling. This may cause some surface crazing

Curing

MEP®. MUR LISSE does not require any form of curing in moderate ambient conditions, but under strong drying conditions curing may be necessary. In this case, the use of an adequate curing compound sprayed on to the surface of the finished **MEP®. MUR LISSE** in a continuous film is recommended

LIMITATION

Do not use on:

- Gypsum
- Weak mortar or plaster
- Wood
- All type of metal: steel, aluminum, etc
- Other substrate not mentioned in tds

RECOMMANDATIONS

- Do not apply in wet weather, or in temperatures below 5°C or over 35°C
- Avoid application under a full sun or on a very hot surface. This can cause shrinkage cracks and/or the loss of mechanical strength mortar applied
- To prevent it from drying too quickly in windy condition, it is preferable to protect the surface receiving direct dry warm winds

PRACTICAL INFORMATIONS

- Packaging: 1Kg / 5Kg plastic bucket / 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: 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