



MEP.FLOOR[®] SLU

Self-smoothing thin topping screed.

- Flowable / self-smoothing
- Quick drying (8h)
- Ideal for receiving vinyl, linoleum, carpet, Laminated floating floors

PRODUCT DESCRIPTION

MEP®. FLOOR SLU is a pump or hand applied, self-smoothing thin topping screed for floors
MEP®. FLOOR SLU is designed for use in residential, offices and commercial areas. It provides a smooth and strong finish ideal for receiving a range of final floor coverings

USES

MEP®. FLOOR SLU is designed for levelling solid bonded substrate (concrete / cement screeds) internally and externally

MEP®. FLOOR SLU is indicated for

- Carpet, Vinyl and linoleum
- Laminate flooring
- Wood flooring
- Tiles and natural stone

FEATURES AND BENEFITS

- Pumpable
- Self-smoothing
- Foot traffic after 8h
- Ready to use - Factory controlled

TECHNICAL CHARACTERISTICS

REFERENCE MATERIAL

Product norm:	EN 13813
Test norms:	EN 12190
Flammability:	EN 13501-1
Good practices:	DTU 26.2 / 52.2

CHEMICAL CONTENT

Grey Portland cement, Special cement, graded sand, specific additive and resins

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES

Comply to norms EN 13813 - DTU 26.2 / 52.2

POWDER CARATERISTICS

Color:	Grey
Powder density (kg/m³):	± 1350
Particle size:	≤ 0.9mm
Reaction to fire:	Euroclass A1

PASTE CARATERISTICS

Mixing ratio:	± 20%
Paste density:	± 1.7
pH:	≥ 12
Pot life:	≤ 20 min
Open time:	≤ 15 min
Application thickness	3 to 15mm (up to 20mm spot)
Mixing time	3 to 5 min
Standing time prior spreading	2 min
Application temperature:	+5 °C to +35 °C

HARDEN PRODUCT CARATERISTICS

Set for light foot traffic	≥ 8 hours
Waiting time before tiling:	≥ 24 hours
Waiting time before laying floors (Carpet, Vinyl, linoleum, laminate flooring)	≥ 24 hours
Waiting time before sanding :	≥ 24 days

CEMENT-BASED SCREED C16F3

Bond strength on concrete (28 days)	≥ 1 MPa
Flexural strength (28 days)	≥ 3 MPa
Compressive strength (28 days)	≥ 15 MPa

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

APPLICATION

CONSUMMATION

1.8 kg/mm/m²

thickness (in mm)	3	4	5	6	7	8	9	10	11	12	13	14	15
consumption (Kg/m ²)	5.4	7.2	9	10.8	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2	27

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 – for bonded application

- Ensure that surfaces are not subjected to rising damp
- Surfaces must be clean and free of dust, release agent, fungi
- All unsound areas, flaky or peeling layers must be removed and repair with **MEP®. REP sol** where depth is ≥ 50mm – wait until harden
- Primed with **MEP®. PRIM GP** and allowed to dry 1 to 4h (“touch dry”)

Notes: New floors must be allowed to cure for minimum periods to ensure that movement due to shrinkage does not affect the screed

Mixing

Mixing ratio: 5 lts water per 25 kg bag

- Gradually add the powder into the required water quantity while mixing to avoid lumps forming
- Mix thoroughly using a low speed mechanical mixer to a creamy/liquid consistency
- Allow mix to gel for 2 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

- Spread the product on the prime surface
- Apply a scrap coat of **MEP®. FLOOR SLU** to a thickness of approximately 0.5 mm to seal the pores
- Immediately after application, poor the material with the appropriate tool. Large trowel and spike roller should be used to assist the self-levelling process
- In case of a second coat application, wait for the product to set to a minimum of 24h

NB: Minimum application thickness – 3mm

LIMITATION

- Do not use as a floor finish - not to be left without a suitable floor covering
- Do not use on substrate subject to rising damp
- Do not use on areas that do not allow the flow of rainwater
- Not design for industrial application

RECOMMANDATIONS

- Saw cut joint – must comply with DTU 26.2
- All movement joints – must be extend in the screed

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: Low speed mechanical mixer, trowel, spiked roller

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.