

PRODUCT FAMILY

Flooring & Floor
Hardeners

MCT

MC-Epo Floor S.L 10

1 mm Self-Leveling Epoxy Flooring Mortar

Solvent-free, multi-component epoxy flooring system formulated with self-leveling properties for a nominal 1 mm smooth, uniform finish.

Consumption	Pot life	Density @ 25°C	Packaging
1.60 kg/m ² per 1 mm	30 min at 25-30°C	1.60 g/cm ³	29 kg

Description

MC-Epo Floor S.L 10 is a multi-component epoxy flooring system with a nominal 1 mm thickness, formulated with self-leveling properties.

Where to use

- Hospitals, slaughterhouses and warehouses.
- Laboratories and power plants.
- Textile mills, TV studios, workshops and aircraft hangars.
- Exhibition halls, bakeries and dairies.
- Chemical and pharmaceutical plants.

MCT TECHNICAL DATA

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Advantages

- Self-leveling properties provide a smooth, uniform surface.
- According to the source, it does not support normal growth of bacteria, fungi or algae, making it suitable where a high level of hygiene is required.
- High resistance to mineral oils, fuels, most diluted inorganic acids, alkalis, solutions and organic acids.
- Produces an extremely smooth, glossy finish.
- Available in a wide range of colours.
- High bond strength combined with good abrasion and chemical resistance.

Application rate

MC-Epo Prime primer	200-300 g/m ²
MC-Epo Floor S.L 10	1.60 kg/m ² per 1 mm thickness

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Technical data

Colour	Available in a wide range of colours
Pot life @ 25-30°C	30 minutes
Tack-free time @ 25-30°C	About 12 hours
Complete cure @ 25-30°C	7 days
Solvent content	None
Density @ 25°C	1.60 g/cm ³
Compressive strength - 7 days	600 kg/cm ²
Flexural strength - 7 days	250 kg/cm ²
Bond strength - 7 days	> 15 kg/cm ²
Packaging	29 kg: 10 kg resin + 4 kg hardener + 15 kg filler

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Application procedure

- Surface preparation: concrete must be clean, dry and free from oil, grease and foreign matter. Repair honeycombs and defective areas before application.
- Priming: mix the components of MC-Epo Prime thoroughly and apply by roller, brush or spray. Allow sufficient time for the primer to become tacky before applying the flooring mortar.
- Mixing: mix the components of MC-Epo Floor S.L 10 with a low-speed mixer for 3-5 minutes until a homogeneous, lump-free mixture is obtained.
- Application: pour the mixed material onto the primed surface, spread uniformly with a notched trowel, then pass a spiked roller repeatedly to release entrapped air bubbles.

Use note

Apply at the thickness and consumption stated in the technical source, taking site conditions and pot life into account.

