

Cembond®MF 1041

The ultimate paint for inside and outside, for new and old buildings, for damp walls, against mould, for a healthy room climate.

Cembond®MF 1041 - a high-quality mineral coating bonded with special cements, free of harmful substances, decorative, robust and durable, with many positive features:

- **diffusion - open and breathable**
- **no film formation**
- **water-repellent**
- **completely odourless, allergen-free**
- **without solvent, without plasticizer**

Properties

Decorative and protective coating for facades and interior surfaces of mineral building materials. Also suitable in high humidity, for damp substrates, wet rooms and areas with extreme mould hazard.

Cembond®MF 1041 binds by the hydraulic reaction of the cementitious binders, but without the film formation typical for normal paints.

Coatings with Cembond®MF 1041 therefore do not hinder the diffusion of water vapour and do not peel off. They are resistant to light, weathering, freeze-thaw cycles and even suitable for underwater painting.

Application + Substrate

Plasters of mortar group I, II and III (DIN 18 550),
No gypsum or gyps containing materials
Concrete and aerated concrete
Bricks, limestone and natural stones
Mineral sealing compounds

The substrate for coatings with Cembond®MF 1041 must be clean, free from loose parts, separating substances and sufficiently load-bearing. Saturate weathered concrete or mortar surfaces and highly absorbent substrates with mineral primer Cembond®MF 1041.

Pure gypsum plasters, surfaces with old oil or emulsion paints and glued wall coverings are not suitable for Cembond®MF 1041.

Processing equipment

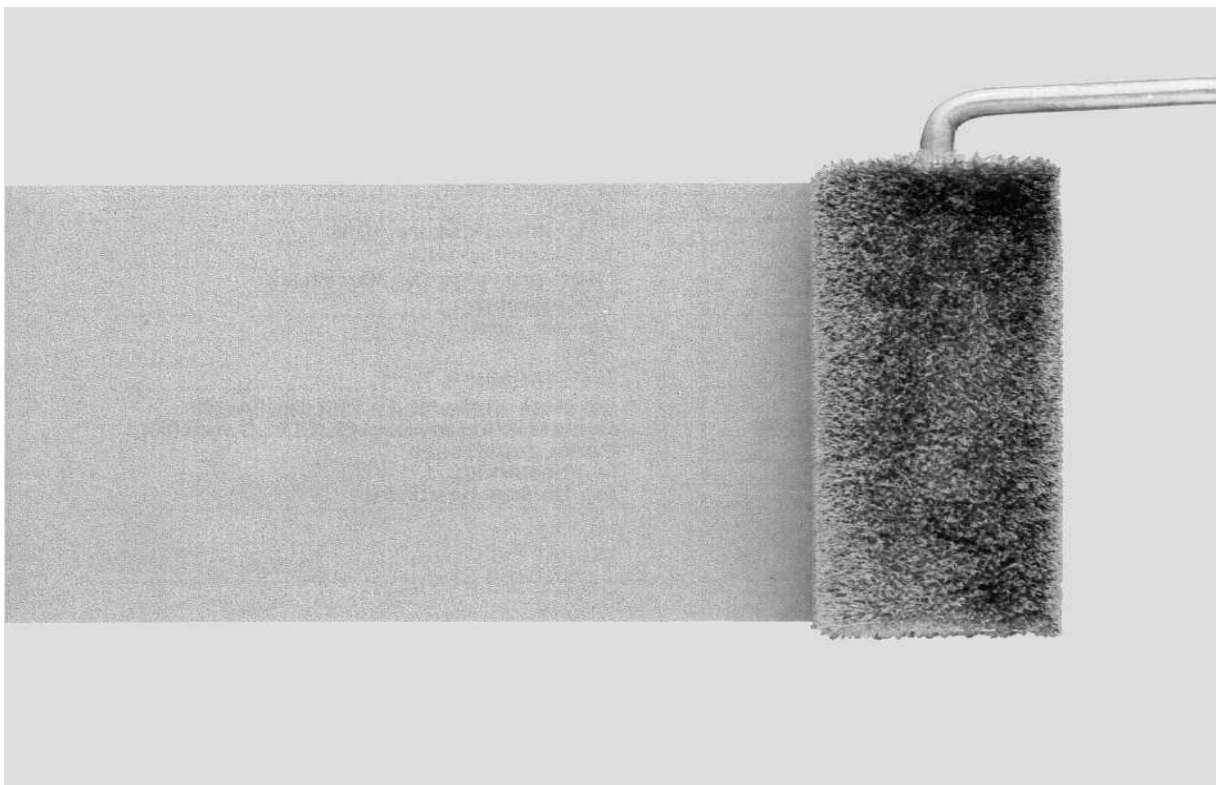
The ready-to-use paint is easy to prepare: place 3,5 - 4 litres of water in a suitable container, sprinkle the Cembond®MF 1041 dry mixture (10 kg) while stirring intensively with a stirring device (drill machine with mixing basket) and mix to a paste-like mass, only thereafter add 3 litres of water. Allow the now spreadable paint to "ripe" for about 5 minutes, stir again briefly and apply.

Ready-to-use product of Cembond®MF 1041 is structurally viscous and therefore pleasant to apply without splashing or dripping. After a certain time, this structural viscosity seems to increase slightly. Stirring briefly cancels this effect. Depending on the condition of the substrate and the tools selected, it may be necessary to further dilute the paint with water.

Cembond®MF 1041 provides excellent coverage. On light-coloured substrates, a single coat is often sufficient for a good result with simple requirements. However, on rough surfaces and for high-quality visual effects, at least two coats (work steps) are always recommended.

Cembond®MF 1041 dries to a bright, pure white, but can also be tinted as desired with alkali-resistant pigments.

Mixed Cembond®MF 1041 should be processed within 3 hours. Then the setting process of the binder starts. The paint becomes increasingly stiff and must then no longer be used.



Further, detailed information on application and processing is enclosed with each container Cembond®MF 1041.

Cembond®MF 1041 painted or sprayed with the classic painting tools and equipment, like conventional wall paints. When using spraying equipment, additional thinning may be necessary, depending on pressure and flow rate.

When spraying with airless equipment, nozzles with a diameter of at least 0.8 mm and suitable pre-filters in the gun are recommended. It is also advisable to use so-called reversible nozzles.

Tools and equipment should be thoroughly cleaned immediately after completion of the work, water is sufficient as cleaning agent.

Product data

Composition	Hydraulic binder acc. DIN 1164 Hydrated lime and natural mineral fine fillers, mineral pigments and additives.
Supplied product	Powder compound
Liquid component	Tap water
Colour	White and special colours according to sample card
Consumption	0,4 - 0,7 kg/m², depending on substrate
Processing temperature	+5° up to +30° (see processing instructions)

Safety Storage Disposal



Cembond®MF 1041 contains Portland cements and hydrated lime, it reacts strongly alkaline with moisture/water. Avoid contact with skin and mucous membranes, wear protective goggles and gloves during processing. Painted or oil-painted surfaces are attacked by the fresh paint. On glass, aluminium, zinc and glazed surfaces, splashes of paint with Cembond®MF 1041 can cause stains that are difficult or impossible to remove. Therefore always cover/protect adjacent components carefully and wash off fresh dirt with the product immediately with plenty of clean water.

Cembond®MF 1041 in a cool and dry place and store in such a way that it is not accessible to unauthorized third parties or children. The product poses no particular risk during storage.

Cembond®MF 1041 hardens, even under water, to a hard, stone-like mass. Liquid product residues or dry, unmixed product should therefore not be disposed of via waste water facilities!

Solidified Cembond® paints, however, are completely unproblematic waste. They can be disposed of together with household waste.

Accessories

Mineral Primer CEMBOND®956

Super additive for cementitious building materials. When used as primer, Cembond®956 is diluted with 2 - 3 parts water. With excellent penetration even in dense mineral building materials. As a deep primer under Cembond®MF 1041 or highly absorbent substrates, weathered plasters and concrete surfaces and similar problems.

SILEX®Fluat 944

Highly reactive building protection agent with a wide range of applications. Silex®Fluat 944 removes salts, neutralises, prevents stains, eliminates mould, mould spores and musty odours, strengthens and hardens friable plasters and cement-bound building materials.

The product effectively removes salts deposited on mineral building material surfaces and in building material pores. New efflorescences are avoided. Free lime and alkaline substrates are neutralised, sintered layers are removed.

Delivered product: Concentrate dilutable with water in 10 kg cans

Colour Concentrate 1047 MIX-Oxide paints

High colour pigment concentrates of highest quality. Resistant to light, weather and of course alkali.

Delivered product: PE bottles with 0.2 and 1 kg

These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

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ARCAN Waterproof

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