

TECHNICAL SHEET
GAZELLE MPE 80

Material

Constitution of the material

Gazelle 80 MPE is a coating of plaster premixed in factory. It is a convenient coating for the completion of walls and interior ceilings. Its implementation will be done using a projection machine such as P.F.T knauf Monojet / 4 G / G 5.

Packaging

In bag of 40 and 25 kg

Storage

In a dry place, if possible on wooden pallet, protect against humidity. The quality of the product remains constant about three months.

Technical Data

Density 1150 kg/m³

Compressive resistance 8 N / mm²

Elasticity Module: 2,327 N / mm²

Module of vapor diffusion resistances μ (mu) according to DIN 4108: 8

Conductivity: 0.35 w / m / kk

Yield

1 bag of 40 kg produces about 45 liters of wet mortar used to cover an area of 4 to 5 square meters in the case of a medium thickness of 1 cm. The yield depends on the nature of the support.

Domains of Use

Gazelle 80 MPE is a single layer coating that is mechanically applied on all rough and absorbent supports in new or existing buildings, hotels, government buildings, except commercial wet rooms.

Gazelle 80 MEP is also convenient as base coating during an implementation in two layers. In this case, it will be covered with the finalization layer.

Tooling

- Rubber Cuvelle;
- Sideboard;
- Taloche;
- Trowel;
- equalization Latte (trapezium);
- Clout foam ;

Support treatment

On support made of concrete, observe the corresponding technical sheet (K 454. Remove carefully dusts and furniture parts, roughness, oil stains and residues of stripping and the concretion film that we find especially on the prefabricated concrete. The cannot surfaces must be rubbed with a brush made of steel, just before the application of the coating and followed by cleaning with clean water.

The humidification with the hose should be avoided; the humidification does not occur for concrete treated prior with Knauf BetoKontakt.

The concrete surfaces must be absorbent; the verification is done by testing water absorption. A recent wet concrete cannot be coated.

The smooth concrete (e.g.: Precast concrete parts) require prior treatment with Betokontakt Knauf.

For ceilings partially prefabricated release coating by cutting or insert an expansion profile. Prepare the highly absorbent surfaces with primer Grundiermittel Knauf. The unstable Surfaces, cracks, etc.... Will be armed with Knauf Gitex.

Gazelle MPE 80 may be applied to all other metal support with coatings such as Stucanet, Metal Deployed...

Also on the materials coated with plate board such as Knauf Stucco plates.

On the latter one, the application will conform to technical leaves 121 D / D 122, the coating Average thickness will be 10 mm.

HOW TO USE

How to use

Do not mix Gazelle MPE 80 with other additives. When applying it mechanically, clean the machine if the time between two projections exceeds 15 minutes. Extend Gazelle MPE 80 within 20 minutes after mixing and dress it up. Fetter after a slight humidification and then smooth it. We will ensure a good ventilation to facilitate the drying of the coating. The average thickness of the coating in a layer is of 10 mm and the minimum thickness is of 5 mm. When Gazelle MPE 80 must be applied thicker than

2.5 cm over a large area, its implementation should be carried out in two layers. The first layer coating must be combed with top comb. The second layer will be applied after hardening and drying of the first layer. Working time: from the mixture until the finish approximately 180 minutes. In the case of combination Gazelle MPE 80 - finalization coating, scrape the base consisting of Gazelle MPE 80 at his take time and recover it, after hardening of the finalization coating.

Particular properties

- Easy preparation, mixing done in the factory.
- Important Yield;
- Flexible;
- High Working time;
- Quick drying and hardening uniform;
- Resists to shock and pressure;
- Material that breathes;
- Can receive just any kind of paint when applied in one layer
- can be structured

Preliminary treatment for paints, carpets and tiles

The coating must be dry (residual moisture maximum 1%) free of tension, of dilation and free from dust. Conform the dressing (primer) for paints or carpets for later recovery.

Conform: aqueous solution.

Same treatment while putting the tiles posed by the process of sticking in thin layer. In this case, the minimum thickness of the coating must be 10 mm. gluing with adhesives based on synthetic resins or glue cement, in both cases, drying of the glue is expected before the jointing of faïences.

Notes:

The coated surfaces which are to be coated with tiles must only be proper leveled with the edge, to allow the following installation of the tiles according to the method of thin-layer binding.

The felting and smoothing are not required and should be avoided otherwise, it is recommended to verify the support of the tiles according to the Part C of VOB, DIN 18352, section 3.2., and act accordingly.

If the implementation is followed by an application of hot asphalt, it is necessary to ensure an adequate cross-ventilation to avoid tensions heat.