

# Modellierputz MP

Mineral decorative render for alsecco facade systems



## AREAS OF APPLICATION

Mineral decorative render for alsecco facade systems with versatile options for finishing.

## PRODUCT PROPERTIES

- Pebbledash rendering mortar according to DIN EN 998-1
- High quality, extremely smooth textures can be achieved
- Feltable
- With glinting effect
- Water-repellent
- Extremely High water-vapour permeability
- Can be easily deformed
- Stress-relieved
- High yield
- Easy to apply
- Good adhesion to all mineral substrates

## TECHNICAL DATA

Indicated fixed values represent average values, which can slightly vary from delivery to delivery due to the application of natural raw materials.

Binder base	Mineral binding agent according to DIN EN 197-1 and DIN EN 459-1 Resin dispersion powder
Apparent density of set mortar	approx. 1,4 g/cm <sup>3</sup> according to DIN EN 998-1
Adhesive pull strength	≥ 0,08 N/mm <sup>2</sup> according to DIN EN 998-1
Water vapour permeability μ	≤ 35 according to DIN EN 998-1
Water permeability	w: approx. 0,1 kg/(m <sup>2</sup> h <sup>1/2</sup> ) according to DIN EN 1062 Class W <sub>2</sub> according to DIN EN 1062
Fire behavior	A2-s1, d0 according to DIN EN 13501

Water absorption	Class W <sub>2</sub> according to DIN EN 998-1
Compressive strength	Class CS II according to DIN EN 998-1
Diffusion-equivalent air-layer thickness (3,0 mm)	s <sub>d</sub> : approx. 0,1 m according to DIN EN ISO 7783 Class V <sub>1</sub> (high) according to DIN EN 1062

## APPLICATION INSTRUCTIONS

Preparation	<p>Apply reinforcement layer or undercoat render.</p> <p>Mask window sills and attachment parts.</p> <p>Diligently cover glass, ceramic, brick, natural stone, varnished, glazed and anodised surfaces.</p> <p>First, render the reveals.</p>
Substrate pre-treatment	<p>All substrates must be stable, level and free of any residue, which can reduce adhesiveness.</p> <p>Undercoat render must have dried evenly, to avoid causing colour variations in the finishing coat.</p>
Mixing	<p>25 kg of material (one sack) in approx. 6 l of water</p> <p>Mix with electric mixer or compulsory mixer.</p> <p>Mix again after approx. 2 minutes.</p>
Application	<p>Apply the material with a rustproof steel trowel and model or texture the surface in a wet state in any desired manner or felt or execute slurry grouting after setting.</p> <p>Avoid severe differences in level for elevated textures, to eliminate the risk of shrinkage cracks forming.</p> <p>Do not expand to zero.</p> <p>Divide large facades into sections, apply continuously wet-on-wet and texture.</p> <p>Applying Alsicolor Carbon significantly reduces the risk of microbial infestation.</p> <p>For light reflectance values below 20, the render must be coated with at least two coats of a suitable alsecco paint or varnish system after drying, preferably Alsicolor Carbon or Alsicolor Sc.</p> <p>By felting using a sponge float, binding agents and/or fine particles from the render matrix can accumulate irregularly on the render surface, which can reduce adhesiveness on the subsequent coatings. To ensure sufficient adhesion, a primer corresponding to the planned coating system is recommended prior to applying the subsequent coatings.</p>
Consumption	<p>approx. 1,4 kg/m<sup>2</sup> per mm layer thickness</p> <p>Determine the precise material requirements by means of a trial coating on the object.</p>
Layer thickness	approx. 2,5 - 5 mm
Information about the weather	<p>Temperatures below 3 °C may not arise during application and drying.</p> <p>Do not apply in direct sunlight.</p> <p>In the case of wind, please observe shorter setting times.</p>

Drying time	approx. 1 - 3 days Dependent on temperature, layer thickness and relative humidity.
Cleaning of tools	In a fresh state with water.
Application by machine	Please request special information regarding machine processing.

## STORAGE

Dry, protected against moisture, cool, shelf life in original sealed packaging of at least 1 year.

## PACKAGING INFORMATION

Colour	White and pigmented. Due to their special properties, variations in colour or staining cannot always be avoided when using pigmented mineral renders. To ensure an even and planned colouring, a coating, preferably with Alsicolor Carbon or Alsicolor Finish is required for pigmented products and recommended for white products.
Packaging unit	Paper sack approx. 25 kg net

## OTHER INFORMATION

Information on safety	The information provided in the current safety data sheet applies.
Transportation	Not a hazardous material
Giscode	ZP1 cement-based products, low in chromate

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The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets.

