

MarblePlaster

Mineral ready-mixed dry mortar

- Fine plaster of strength class CS II DIN 998-1
- brilliant white, water-repellent
- for inside and outside



Productdescription:

highly-modified mineral ready-mix dry mortar with graded, brilliant-white marble sands

Application / Property:

For the production of brilliant white, high-quality, durable and resistant finishing plasters for exterior use, as well as for the decorative design of interiors in a scratched plaster structure. The MarmorPutz In the grain sizes 0.5 / 1.0 and 1.5 mm can be freely structured or modeled. MarmorPutz can be used on all common, professionally prepared basecoats of mortar group P II, P III, P IV or CS II, CS III, CS IV as well as on mineral reinforcement layers of the hawo ETIC system and the hawo interior insulation system as finishing plaster.

Characteristics:

- highly tempered
- water-repellent
- brilliant white
- Property class CS II DIN 998-1 (old: mortar group P II DIN 18550)

Structure / Grain sizes:

0,5 / 1,0 / 1,5 / 2,0 / 2,5 mm

Composition:

MarmorPutz consists of classified and dried brilliant white marble sands, white hydrated lime, white cement and additives for better processing, adhesion and water repellency. Colored plasters contain inorganic dry pigments that are alkali-stable and lightfast.

Technical product data:

Strength class / Mortar group	Fine plaster mortar CR / CS II according to DIN EN 998-1 P II according to DIN 18550
Adhesive tensile strength	> 0,08 N/mm ²
Pressure resistance	approx. 3,1 N/mm ²
Thermal conductivity <small>λ_{10, dry, mat} (Table value according to DIN EN 1745)</small>	approx. 0,61 W/(mK) for P=50% approx. 0,66 W/(mK) for P=90%
Water absorption	W ₂ < 0,5 kg/(m ² h ^{0,5})
Water vapour diffusion resistance factor	μ ≤ 25
Fire behaviour	A1 (not flammable)
Water requirements	approx. 6,5-7 l/bag
Productiveness	approx. 780 ltr/t
Grain sizes	0,5 / 1,0 / 1,5 / 2,0 / 2,5 mm

Colour:

brilliant white

Tinting:

Marble plaster is white, is tinted in the factory according to hawo colour charts or colour samples or can be tinted by the applicator with hawo dry pigments.

Note: In the cold, wet season or in extremely unfavourable weather conditions, we advise against applying coloured mineral finishing plasters, as there is a risk of efflorescence and staining. Due to felting with water, felt plaster surfaces sometimes do not get a uniform colour tone. This does not justify a material complaint. In general, a coat of levelling paint is recommended for coloured finishing plaster. Before painting, the plaster must be completely dry and hardened.

When using on Isolation (Polystyrole) and aerated concrete, observe the light reference value!

Packing size:

25 kg bag
42 bag per pallet

Substrate:

The substrate must be load-bearing, even, clean, dry and free of formwork. A primer coat of hawo Quarzgrund (Quartz Primer) is generally recommended. Roughly prime gypsum boards or other substrates with a tendency to sag with hawo SperrGrund (Blocking Primer).

Handling:

Marble plaster can be applied with suitable continuous mixers, plastering machines or by hand.

When working by hand, mix the contents of the bag with approx. 6-7 litres of clean water and stir with a slow-running whisk until lump-free.

Allow the mixed material to mature for approx. 10 minutes, then stir again briefly and, if necessary, add more water to adjust to the processing conditions.

Spread the wet mortar with a stainless steel trowel or by machine to grain thickness, then rub in uniform circles with a plastic trowel, a PU rubbing board or a foam rubber or sponge disc.

Work coherent plaster surfaces wet-on-wet without interruption, so that no visible lumps are formed.

Do not mix MarmorPutz with other materials.

Water requirement:

6-7 ltr. Water / per bag

processing time:

Process the mixed material within one hour. Do not dilute stiffened material with water.

Trocknung:

At 20 °C and 65 % relative humidity, the plaster is surface-dry after 24 hours; fully dry, loadable and paintable after 14 days. MarmorPutz hardens by hydration and carbonation, as well as by evaporation of part of the mixing water. Complete drying is delayed at low temperatures and high humidity.

Verarbeitungstemperatur:**Consumption / Ergibibility :**

Grain size 0.5 mm:
1 mm application thickness approxca 14,7 m² per bag

Grain size 1,0 mm:
Application in grain thickness approx 1,9 kg/m²
corresponds to approx m² per bag

Grain size 1,5 mm:
Application in grain thickness approx 2,4 kg/m²
corresponds to approx 10,4 m² per bag

Grain size 2,0 mm:
Application in grain thickness approx 3.0 kg/m²
corresponds to approx 8,3 m² per bag

Grain size 2,5 mm:
Application in grain thickness approx 4.0 kg/m²
corresponds to approx. 6,3 m² per bag

creative techniques

In the case of creative techniques such as broom finish or concrete look, the consumption data may vary considerably and should be determined by means of sample surfaces, if necessary. As a guideline, you can calculate with 2.5 - 3 times the amount used.

Cleaning of tools:

Immediately after use with water. Cleaning machines with the help of hawo protective agents.

Storage / transport:

Dry and protected against moisture, storable for 12 months.
No special protective measures are required during transport.

Disposal:

Only hand in bags that are emptied without trickling for recycling.
Hardened material residues can be disposed of as construction waste or with household waste.

Safety advice:

The product is a hazardous substance. Information on classification and labeling can be found in the EC safety data sheet

The technical data sheet has been created on the basis of the latest state of the art. Due to the variety of substrates and object conditions, however, the user is not released from his obligation to check the material for its suitability for the intended purpose under the respective object conditions, professionally and in accordance with the tradesman's standards.

This Technical Data Sheet No. 560 loses its validity in the event of a new edition.