

SEP 01/02/03/04

Disc render

Technical Data Sheet Last Updated Feb 04

Product	Factory prepared dry powder mortar in accordance with DIN 18557 and DIN EN 998-1, mineral, decor render, for manual and machine application.																																																																				
Suitable Uses	Mineral, decor finish onto all standard mineral basecoats, onto the reinforced meshing coats of insulation renders and fillers. For producing a range of white or colored, sponged finish and scratched finish textures in external and internal areas. Component of the BaunitBayosan External Thermal Insulation Composite System (ETICS).																																																																				
Composition	White lime, white cement, sand and additives to improve workability and adhesion.																																																																				
Performance	Workable, mineral, machine applicable decor finish render. White ground marble aggregate and white binding agent produce the brilliant white colour. Different grain sizes, 1mm, 2mm, 3mm & 4mm produces a choice of textured finishes. Once hardened, they are water-vapour and CO ₂ permeable, frost resistant with low staining tendencies, non-combustible and weather resistant.																																																																				
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Packaging	Paper sacks, sack content 25 kg, (42 sacks per pallet = 1050 kg)																																																																				
Storage	Dry and protected, do not store for longer than 6 months.																																																																				
Quality Assurance	The product undergoes in-house monitoring, using a quality management system which conforms to the current international standard DIN EN ISO 9001 and the environmental standard ISO 14001, certified by TUV. Tested for toxins. TUV Certificate.																																																																				
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Background

The background should be dry, stable, dirt dust and frost free, and able to receive a coating. Basecoats and backgrounds should be fully cured, flat, dry and the surface roughened.

Smooth concrete surfaces, should be treated with a suitable bonding coat(for example multiContact MC 55 W) .Highly absorbent basecoats to be treated with a primer such as DG27 (undiluted onto gypsum backgrounds).

Friable basecoats are to be treated with a stabiliser such as PF05.

Application

The water addition is approx. 5.5 - 6.5 ltrs per sack. Use only clean water, without admixtures. Do not mix with other materials. SEP can be manually mixed in a bucket or tub, using an electric hand mixer on a slow speed setting. Fill the bucket to a third full with water. Gradually add the SEP to the water while mixing, until a workable, lump-free consistency is achieved. More water and material can be added as necessary.

Continuous mixers or gravity fed mixers, set to the appropriate mortar consistency can also be used.

For larger areas, standard mortar mixing pumps (semi and full performance rotor and stators) provide a more effective mixing and application of the SEP. Keep tools, tubs and machines clean. Allow the DG27 primer to dry for 24 hours before applying SEP with a stainless steel trowel or with a mixing pump. Spread the SEP with the trowel to the grain thickness and texture the surface as desired with a sponge or a plastic/wooden float.

Plan and carry out the application systematically to avoid scaffold lines!

Hints

Do not apply in direct sunlight, rain or wind and protect the finished work until fully cured (Scaffold nets).

In the case rapid dehydration, dampen the finished work with water at regular intervals

High humidity and low temperatures can increase curing times considerably.

Inconsistent background structure, absorbancy and weather conditions can lead to colour variations.

Stainless steel plaster beads should not be fixed with gypsum products. Use AM51.

Do not apply SEP in the plinth area.

Clean tools with clean water.

Protect other materials such as glass, ceramics or metal etc. from contamination with appropriate coverings. Rinse away any unwanted splashes immediately before they harden. Order enough SEP for the project in one delivery to ensure against colour variations. Observe the light fastness requirements for ETICS (not under 20-30 for mineral renders).

Do not apply or allow to dry under an air or wall temperature of + 5°C and falling or more than + 30 °C. Observe the guidelines stated in the Data Sheet "Equalising paint onto decor renders", DIN EN 998-1, DIN 18550 and DIN 18350 (VOB, Part C) and the special conditions of the "General building control certification."

Our user recommendations, which we provide in support of the buyer/user on the basis of our experience, correspond to the present state of the art technology and practice. They are not binding and do not constitute any contractual legal relationship or any accessory obligations from the purchase contract. They do not relieve the buyer of the obligation to check our products for himself as to their suitability for the intended application. The general rules of construction engineering must be observed. The right to make changes in the interests of progress and the improvement of the product or its application is reserved. This Technical Information invalidates and supersedes all previous issues. Please refer to our Internet pages for the latest information.