



SEP 01 / 02 / 03 / 04

Finish Coat Render

- Product** Factory prepared dry powder mortar in accordance with DIN 18557 and DIN EN 998-1, mineral décor render for manual and machine application.
- Suitable Uses** Mineral, décor finish onto all standard mineral basecoats, onto the reinforced meshing coats of insulation renders and ETICS, salt retention 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 CO₂ permeable, frost resistant with low staining tendencies, non-combustible and weather resistant

Technical Data	Mortar group:	CS II acc. to DIN EN 998-1 (P I c, acc. to DIN 18550)
	Compression strength:	> 1,5 – 5,0 N/mm ²
	Conductivity value $\lambda_{10,dry}$ (Tabled values acc. EN 1745)	≤ 0,93 W/(mK) (for P = 90 %)
	Conductivity value λ_R (Tabled values acc. DIN V 4108-4)	≤ 0,83 W/(mK) (for P = 50 %)
	μ -value:	1,0 W/(mK)
	Absorption rate:	10 - 15
	Minimum layer thickness:	W 2 (DIN EN 998-1), water-repellent (DIN 18550) depending on grain size, but a min. of 2mm
Colours:	white and coloured as available in the BaunitBayosan “colors of more emotion” range	

Product name	SEP 01	SEP 02	SEP 03	SEP 04
Grain size [mm]:	0-1	0-2	0-3	0-4
Water requirement l/Sack:	6,5– 7,5	6,0 – 7,0	6,0 – 7,0	5,5 – 6,5
Coverage: approx. [kg/m ²]:	2,2/2 mm	3,3/2 mm	4,0/3 mm	5,5/4 mm
Yield approx. [m ² / Sack]:	11,0	7,5	6,2	4,5

Packaging Paper sacks, sack content 25 kg, (42 Sack per pallet = 1050 kg)

Storage Dry and protected, do not store for longer than 6 months.
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Qualitäts-sicherung The product undergoes third party and in-house monitoring, using a quality management system which conforms to the current international standard DIN EN ISO 9001 and the environmental standard DIN EN ISO 14001, certified by TUV. Tested for hazardous substances.(White products only)

Health and Safety	Hazard label:	Xi irritant	
	R-phrases:	R 36/38	Irritates the eyes and skin
		R 41	Risk of serious eye damage
		R 43	Contact with skin can cause sensitisation
	S-phrases:	S 2	Keep away from children
S 24/25		Avoid contact with skin and eyes	
S 26		In case of eye contact, rinse with plenty of water and see medical assistance	
S 37/39		Wear suitable protective clothing and safety goggles	
	Low Chromate content according to TRGS 613		

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 mit DecorGrundierung DG 27 (undiluted onto gypsum backgrounds). Friable basecoats are to be treated with a stabiliser such as "PutzFestiger".

Application

The water addition is approx. 5.5-6.5 litres per sack. Use only clean water, without admixtures. Do not mix with other materials. ScheibenPutz 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 ScheibenPutz SEP to the water while mixing, until a workable, lump-free consistency, is achieved. More water and material may 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 ScheibenPutz SEP. Keep tools, tubs and machines clean. Allow the DecorGrundierung DG 27 primer to dry for 24 hours before applying ScheibenPutz SEP with a stainless steel trowel or with a mixing pump. Spread the ScheibenPutz SEP with the trowel to the grain thickness and texture the surface as desired with a black or red rubber sponge float. Plan and carry out the application systematically to complete areas 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, absorbency and weather conditions can lead to colour variations occurring
Stainless steel plaster beads should not be fixed with gypsum products. Use AM51.
Do not apply ScheibenPutz SEP in the plinth area
Clean tools with clean water.
Mineral decor finishes must be painted with equalising paint.
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 ScheibenPutz 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).
Mineral decor finishes must be painted with equalising paint.

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 décor renders", DIN EN 998-1, DIN 18550 and DIN 18350 (VOB, Part C) and the special conditions of the " General Building Approval".

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.