

MP 69 / MP 69 W (White)

Mineral-pore lightweight render

Technical Data Sheet Last Updated Dec 04

Product	Factory prepared dry powder mortar in accordance with DIN 18557 and DIN EN 998-1, lime cement bound render for manual and machine application Lightweight render acc. DIN 18 550, Part 4.																																		
Suitable Uses	Lightweight lime cement render for use as basecoat and finishing coat, for all external and internal areas, including those subject to high humidity, onto most types of masonry and (see overleaf) rough cast concrete etc. Ideal background for wall tiles, paints, mineral and resin decor render finishes.																																		
Composition	Sand, cement, (Mineral-pore lightweight render White MP69 W with white cement), lime, mineral lightweight aggregates and additives to improve workability and adhesion.																																		
Performance	Mineral, machine applicable lime cement, lightweight, waterproof render. Increased concentration of air pores, without organic additives (like EPS). Can be sponge finished. Good water retention performance and adhesion qualities. High elastic performance safeguards against shrinkage cracking. Once hardened, it is water vapour permeable, frost resistant, waterproof (W 2 acc. DIN EN 998-1), weather resistant and has high impact resistance. Mineral-pore lightweight render MP69 W gives a natural white surface finish.																																		
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Packaging	Paper sacks, sack content 30 kg, (35 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.																																		
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Background	<p>The background should be dry, stable, dirt and dust free, and able to receive a coating. Basecoats should be fully cured. Smooth concrete surfaces are to be treated with a bonding mortar, for example HM50. Highly absorbent backgrounds are to be dampened with water.</p>
Application	<p>Use only clean water, without admixtures. Do not mix with other materials. MP 69 / MP 69 W can be manually mixed in a bucket or tub, depending on quantity, using an electric hand mixer. MP 69 / MP 69 W can then be manually applied using a steel plastering trowel.</p> <p>Mortar mixing pumps or continuous mixers provide a more efficient application of the render. When used as a basecoat the <u>minimum</u> thickness should be 10 mm. As a finishing coat 3 mm is sufficient. For overall basecoat thicknesses > 20 mm or other unfavourable circumstances, additional coats can be applied. Any dubbing coats should be compatible in strength. Each render coat should be ruled off flat with a straight edge. On stiffening roughen up the render using a grid float or similar. Observe the curing time (1 day per mm plaster thickness) before applying the following coat. This is particularly important by low temperatures as these slow down the curing process! To counter rapid drying from strongly absorbent backgrounds, apply the basecoat in two stages -wet in wet-.</p>
Hints	<p>For masonry with a density < 700kg/m³ and/or a thermal conductivity < 0.13W(mK) are to be rendered with lightweight renders acc. DIN 18550, Part 4 (FL 68, SL 67, MP 69, MP 69 W). Masonry with a thermal conductivity < 0.10 W(mK) should have an additional reinforcing render coat applied on the weather-side. Finishing coats should be painted. For plinth areas use lightweight special plinth render LeichtSockelputz LS 62.</p> <p>Do not apply in direct sunlight, rain or wind and protect the finished work until fully cured (Scaffold nets). High humidity and low temperatures can increase curing times considerably. Observe the minimum standing time of 1 mm render thickness per day before applying further coatings and finishes. Control the heating of internal rooms with care, avoiding excessively rapid drying out. In the case of thinly applied coats or rapid dehydration, dampen the finished work with water at regular intervals. In plinth areas use the appropriate plinth render. Stainless steel plaster beads should not be fixed with gypsum products. Use AM51. Clean tools after use with water. Protect other materials such as glass, ceramics or metal etc from contamination with appropriate coverings.</p> <p>Do not apply or allow to dry in air or wall temperatures below + 5°C and falling or above + 30 °C. Observe the guidelines stated in "Render onto Ziegel masonry", DIN EN 998-1, DIN 18550 and DIN 18350 (VOB, Part C).</p>

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.