Baumit Sanova SV 61

Product:

Adhesion promoter for damp and salt-containing block/brickwork. Factory prepared dry powder mortar in accordance with DIN 18557 and DIN EN 998-1. Certified cement renovation spatterdashing mortar acc. to WTA for manual and machine application.

Use:

- As part of the Baumit renovation renders system.
- Baumit Sanova SV 61 spatterdash mortar provides a keying coat on to damp, salt-contaminated masonry substrates (brickwork, natural stone) to improve adhesion and equalize background suction.
- The product is generally applied sporadically (50-60% coverage) but is also be applied as a full coating on to masonry with sulphate contamination or gypsum materials.

Properties:

- Mineral based renovation spatterdashing mortar with good water retention capacity and good adhesion to the substrate.
- Easy hand or machine application.
- Optimised strength and high capillary performance suited to the conditions of damp, salt contaminated masonry.
- The product may also be used on new masonry.

Technical Data:

Strength class:	CS II acc. to DIN EN 998-1
Compression strength:	> 6 N/mm^2
Aggregate size:	0 – 4.0 mm
Water vapour diffusion resistance µ:	< 15
Water penetration:	> 5 mm after 1 h, < 20 mm after 24 h
Water requirement:	6 – 7 l/sack
Consumption:	ca. 5 - 6 kg/m^2 /50-60% coverage
Yield:	ca. 5.8 - 7m^2/50-60% coverage

Composition:

Sand, lime, cement and additives to enhance special physical properties and improve workability and adhesion.

Health and safety:

A Material Safety Data Sheet is available on request.

Packaging:

Paper bags, 35 kg. 1 pallet = 36 bags = 1260 kg

Storage:

Store in dry conditions and protected on pallets for up to 6 months.

Quality Assurance:

Continual monitoring and inspection of the quality of all raw materials upon reception. The manufacturer has a TÜV tested and certified Quality Management System in accordance with the international standard EN ISO 9001 and a TÜV tested and certified Environmental Management System in accordance with the international standard EN ISO 14001.

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Substrate:	Remove old render up to 1 metre above the level of dampness. Rake out friable mortar joints 20-30mm deep. Remove dirt, dust and bitumen. Remove and replace loose or damaged masonry. Thoroughly clean masonry (compressed-air guns or wire brushing etc). Dampen high suction backgrounds with clean water. A good bonding to the substrate must be achieved.
Application:	Refer to the salt analysis and procedure documentation! Do not mix Baumit Sanova SV 61 with other materials. The product is mixed with clean water for no longer than 3 minutes to a slurry consistency with an electric hand mixer or a continuous horizontal mixer or a forced action mixer. Overmixing will reduce the mortar strength. Do not remix material which has set. Standard mortar mixing pumps are also suitable to mix and spray apply the product. Use worn rotor and stators (coarse sharp aggregates) and lubricate the spray hoses with a lime slurry before pumping the product. Spray or hand apply the Sanova SV 61 on to the substrate as a spatterdashing coat covering 50-60% of the substrate surface. A full coat application (where appropriate) should be 5 mm thick. T The product should not be used as a levelling coat. Do not allow the coating to dry too quickly. Dampen the finished work at regular intervals with a water mist sprayer to aid hydration. The subsequent render system should be applied after 1-2 days for good adhesion.
Notes and General Information:	Protect the facade from direct sunlight, rain and strong winds (i.e. with scaffold nets) until fully cured. In hot and/or windy weather dampen the finished work at regular intervals with a water mist sprayer to aid hydration. High air humidity and low temperatures can prolong drying times considerably. Dehumidifiers or good ventilation is required in closed rooms to enable the spatterdashing to dry out. Allow to cure for 1-2 days. Longer standing time on damp masonry can cause a laitance to form on the spatterdashings surface leading to adhesion problems for subsequent coatings. Protect other materials such as glass, ceramics or metal etc from contamination with appropriate coverings. Clean tools immediately with clean water after use. The air, material and background temperature must be above +5°C and below +30°C during application and curing. Observe the WTA guidelines and DIN EN 998-1, DIN V 18550 and DIN 18350 (VOB, Part C).

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