

Baumit Sanova SP Grey

Grey, hydrophobic renovation render



- **Renovation plaster**
- **Suitable for damp or high salt content walls**
- **Internal or external use**

Product Overview Hydrophobic, factory prepared dry powder mortar. Certified renovation rendering mortar according to WTA for manual and machine application.

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

- Properties**
- Mineral based renovation rendering mortar.
 - Conforms to WTA Guidelines "Renovation Render Systems".
 - Tested for toxins.
 - High porosity concentration provides a reliable salt retention capacity.
 - High water vapour permeability enables rapid diffusion of moisture from masonry.
 - Good hydrophobic properties prevent unsightly damp patches or salt stains from forming on the render surface.

Application For renovating damp, salt-contaminated masonry (e.g. nitrates, chlorides or sulphates) and wet rooms (laundries, public showers etc.) in new or old buildings. Condensation problems should be tackled with other measures such as thermal insulation improvements. Baumit Sanova SP Grey is suitable as a basecoat and topcoat rendering for external areas including splash zones (plinths) and internal areas. It's fine grain size is ideal for a plain sponge-float finish or fine, freestyle textures.

Technical Data	compression strength:	1.5 - 5 N/mm ² according to WTA
	Water absorption kapillar:	> 0.3 kg/m ² according to WTA
	μ-value:	15
	porosity:	< 40 %
	thermal coefficient:	0.89 W/mK (for P=90%)
	thermal conductivity:	0.82 W/mK (for P=50%)

	Baumit Sanova SP Grey 35kg
Grain size	1.2 mm
consumption	1.1 kg/m ² /mm
water demand	6.5 - 7.5 l/bag

Delivery Format 35kg bag, 1 pallet = 36 bags = 1260kg

Storage Store in dry conditions and protected on pallets for up to 12 months.

Subsurface 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. Where appropriate apply a sporadic coating of Baumit Sanova Pre spatterdash mortar to improve adhesion and equalize background suction. Stonework and mixed masonry must always receive a spatterdash coating. Gypsum masonry units require a full spatterdash coating. Good adhesion to the background must be achieved. Renovation render systems alone will not provide a satisfactory solution for hydrostatic issues.

Subsurface Pre-treatment Refer to the salt analysis and procedure documentation.

Processing

Do not mix Baunit Sanova SP Grey with other materials.

The product is mixed with clean water in a tub to a lump free, creamy consistency with an electric hand mixer for no longer than 3 minutes. Overmixing will reduce the mortar strength. Do not remix material which has set.

Alternatively, standard mortar mixing pumps such as Putzknecht S 48, m-tec M 3 and Gipsomat can be used with secondary mixer and/or air-entraining rotor and stators to mix and spray apply the product. Do not use gravity mixers, drum mixers or machines which will increase porosity (eg Rotoquirl, airmix etc) or force feed mixers (Putzmeister P 13, P11, Putzknecht S 80).

Spray or hand apply the Baunit Sanova SP 64 P on to the substrate to the required thickness. Rule off with a straight edge, filling in any undulations to produce a smooth flat layer.

For multiple coatings of Baunit Sanova SP Grey, key the surface of each coating with a plasterer's comb or stiff brush. Allow drying time (1 day/mm thickness) between coats and remove any efflorescence with a dry brush.

Finish off the final coating with a sponge float or scrape the surface to receive a Baunit decorative topcoat render.

Minimum thicknesses:

- 20mm (2 coats at 10 mm per coat) for sulphate and chloride contamination.
- 30mm (2 coats at 15mm per coat) for nitrate contamination.

Each layer of a multiple coat system must be at least 10 mm and not more the 20 mm thick to avoid shrinkage cracks. Allow sufficient drying time between coats (1day/mm thickness).

Notes and General Informations

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 and/or carefully controlled heating and ventilation is required in damp rooms (e.g. basements with a relative humidity above 65%) to enable the renovation coatings to dry out with 10-14 days.

The occupier should be advised that rooms will require adequate heating and ventilation for future use.

Clean tools immediately with clean water after use.

Use only water vapour permeable coatings acc. to WTA-Data Sheet. Recommended Baunit exterior paints: Baunit NanoporColor, Baunit SilikatColor, Baunit SiliconColor. Interior paints: Baunit KlimaColor.

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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