

Baunit Salt Retention Render SP 64G

Product Datasheet

1. Product

Factory prepared dry powder mortar in accordance with EN 998-1. Certified Salt Retention Render according to WTA for manual and machine application.

2. Suitable Uses

Baunit Salt Retention Render SP 64G – Certified by WTA for the renovation of damp, salt-contaminated masonry, for old and new buildings for rooms subject to high humidity levels (laundries, public showers etc.).
For condensation problems, other preventative measures such as wall insulation are necessary.
Hydrophobic, SP 64G remedial render basecoat and/or finish coat for damp, salt-contaminated masonry, for use in internal, external and plinth areas. The fine grain content is ideal for sponge finishing or producing other fine textures.

3. Composition

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

4. Performance

Baunit Salt Retention Render SP 64G is certified according to WTA Guidelines 2-2-91/D, for machine application.
Tested for hazardous substances,
Reliable salt retention capacity due to high concentration of pores.
High water vapour permeability for rapid transmission of moisture from the masonry.
Hydrophobic Baunit Salt Retention Render SP 64G causes no unsightly damp patches or salt stains to form.

5. Technical Data

| | |
|------------------------------------------------------------------------|--------------------------------------------------------------|
| Render group: | CS II acc.to DIN EN 998-1 |
| Grain size: | 0 – 1.2 mm |
| Compressive strength | 1.5 – 5.0 N/mm ² according to WTA requirements |
| μ-value: | ca. 7 |
| Porosity | > 40 % |
| Capillarity W ₂₄ : | > 0.3 kg/m ² according to WTA requirements |
| Conductivity value λ _{10,dry} (Tabled values acc. EN 1745) | ≤ 0.93 W/(mK) (for P = 90 %) ≤ 0.83 W/(mK) (for P = 50 %) |
| Conductivity value λ _R | 1.0 W/(mK) |
| Water requirement: | 6.5 – 7.5 l/bag |
| Yield: | ca. 29 l/bag |
| Coverage: | ca. 1.2 kg/mm/m ² |

6. Packaging

Paper bags, bag content 35 kg, (36 bags per pallet = 1260 kg)

7. Storage

Dry and protected, do not store for longer than 6 months.

8. Quality Assurance

The product undergoes third party and in-house monitoring, using a quality management system which conforms to the current international standard EN ISO 9001 and the environmental standard ISO 14001.

Tested for hazardous substances.

Baumit Salt Retention Render SP 64G is certified according to WTA and fulfils all the requirements of WTA-Guidelines 2-2-91/D

9. Health and Safety

See separate Health and Safety datasheet.

10. Background.

Remove all render up to 1 metre above the contaminated area. 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) and allow to dry. Dampen highly absorbing masonry with clean water.

Apply a partial surface covering of Baumit Slurry Coat SV 61 for adhesion improvement and equalizing background absorbency.

Baumit Slurry Coat SV 61 must be applied onto **rubble stone masonry**

Gypsum blockwork must receive a full surface splatter coat of SV 61. Good adhesion to the background must be achieved.

Salt retention render systems should not be considered as the full solution to hydrostatic pressure problems.

11. Application

Observe sample analysis and procedure document!

11.1 Mixing

The water addition is 6.5-7.5 litres per bag. Use only clean water, without admixtures. Do not mix with other materials.

Plaster mixing pumps such as Putzknecht S 48 or M-tec M 3 used with additional mixer or air entraining rotar and stator.

Do not use gravity mixers or force-feed mixers for example (Putzmeister P 13, P11, Putzknecht S 80).

Baumit Salt Retention Render SP 64G is especially suitable for manual mixing in a bucket or tub using an electric hand mixer. Fill the bucket to a third full with water. Gradually add the SP 64G to the water while mixing, until a workable, lump-free consistency, is achieved. More water and material may be added as necessary. To ensure against over-mixing do not mix for longer than 3 minutes. SP 64G can then be manually applied using a steel plastering trowel.

11.2 Application

Once the background is dry, brush off any effervescence present with a dry brush.

For overall basecoat thicknesses of 15 mm, additional coats can be applied. Each coat should be brushed through horizontally on stiffening and curing time (1 day per mm plaster thickness) observed, before applying the following coat.

Minimum render thickness by sulphate and chloride contamination, 10mm as basecoat and 10mm as a finish coat.

(20mm total thickness)

Minimum render thickness by nitrate contamination, 15mm as basecoat and 15mm as a finish coat.

(30mm total thickness)

12. Hints

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

Do not apply onto masonry with a density less than 700kg/m³ and/or a thermal conductivity lower than 0.13 W/mK. (See Baumit Fibrous Lightweight Render FL 68)

High humidity levels and low temperatures can delay curing times considerably.

Observe the minimum standing time of 1 mm render thickness per day before applying subsequent coatings and finishes.

In the case of thinly applied coats or rapid dehydration, dampen the finished work with water at regular intervals with a fine mist sprayer.

Do not apply when the air or wall temperature is +5°C and falling. Observe the guidelines stated in EN 998-1.