

## SP 260 Pro

Universal floated render

Product Data Sheet

2026-04



### Product description

Mineral finishing render for fine or coarse floated render, scratch render or grain-on-grain texture. A diverse range of textures can be achieved by use of various tools.

#### Composition

Hydrated lime, white cement, graded quartz and limestone grains, water-retaining and water-repellent additives, and lightfast and alkaline resistant mineral colour pigments, if required.

#### Storage

Store the bags on wooden pallets in a dry environment. The product can be stored for at least 12 months. Re-bag damaged bags and use first.

#### Quality

In compliance with EN 998-1, the product is subject to initial type testing and continuous factory production control and bears the CE marking. Furthermore, the product is subject to external monitoring as a final layer in WARM WALL systems.

### Properties and added value

- Coloured rendering mortar CR acc. to EN 998-1
- Compressive strength category CS II acc. to EN 998-1
- Biocide-free
- For interior and exterior application
- Water-repellent
- Application in the plinth area
- For machine or hand application
- Grain size 2.0 and 3.0 mm
- White (approx. RAL 9016)
- Can be coloured subject to limitations in colour shades for mineral-based finishing coats compliant to the Knauf ColorConcept colour-shade selector card

### Field of application

As a mineral finishing coat:

- On Knauf WARM WALL systems
- On lime, lime-cement and cementitious basecoats or reinforcement plaster
- On gypsum plasters/renders
- On gypsum boards and plaster block

## Application

### Substrate and pretreatment

| Substrate                                     | Pretreatment   |
|---|--|
| Lime, lime-cement and cementitious basecoats  | Use Isogrund if required   |
| Reinforcement render                          | Use Isogrund if required   |
| Restoration plasters/renders                  | None   |
| Gypsum and gypsum lime renders                | Prime with Quarzgrund Pro/ Raumklima Grundierung <sup>1)</sup>   |
| Smooth concrete, prefabricated concrete units | Prime with Quarzgrund Pro/ Raumklima Grundierung <sup>1)</sup>   |
| Gypsum boards                                 | Remove the dust and treat the sanded surfaces with Grundol if necessary. Pretreatment with Aton Sperrgrund barrier coating.        |
| Plaster blocks                                | With absorbent substrates apply a primer coat of Grundol and a coat of Quarzgrund Pro / Raumklima Grundierung primer <sup>1)</sup> |

Allow primer coats to dry for at least 12 hours before continuing work.

1) Drying time until subsequent application of Quarzgrund Pro/Raumklima Grundierung primer approx. 2 hours.

### Preparation

Check the substrate for compliance with VOB part C, DIN 18350, chapter 3.1 and/or according to VOB part B, DIN 1961 paragraph 4 section 3. Clean the substrate of dust and loose parts and remove, ensure that the surface is smooth. Cover easily-soiled building components before commencement in accordance with Code of Practice "Abklebe- und Abdekarbeiten für Maler- und Stuckateurarbeiten - Masking and covering for painting and stucco work" (German only) issued by the Bundesverband Ausbau und Fassade. Protect weather-exposed surfaces from precipitation and direct sunlight.

Preparation of the substrate in accordance with the Substrate/ Pre-treatment table. All substrates must be stable, dry, even and free of grease and dust as well as free of any residual substances that may reduce the adhesion. Test existing coats (paint coats and old renders) for stability and compatibility before application. Allow primer coats to dry for at least 12 hours before continuing work.

### Machines / equipment

Knauf PFT mixing pump G 4

- Stator D4-3
- Rotor D4-3
- Mortar hoses Ø 25 mm
- Wet mortar pumping distance up to 30 m

### Mixing

#### Mixing by hand

Mix the contents of one bag with approx. 6.8 litres of clean water without further additions until an application-ready lump-free consistence is achieved.

#### Mixing by machine

For machine application using mixing pumps, e.g. PFT G4, set the desired consistence by adding water. Prelubricate the hoses with wallpaper paste and fill them successively.

### Application

Apply mortar in grain thickness to the full surface with a suitable stainless steel tool. In case of application by machine, spray on a thin layer of material and rule with a suitable stainless steel tool. Texture uniformly or model using a PVC trowel, foam rubber disc or polystyrene disc float.

Work fresh-in-fresh, do not re-smoothen surfaces already smoothened. Always complete visually unified surfaces in one working step on the same day. Do not use a range of different tools to avoid differences in the colour and textural effects. Work simultaneously at all scaffolding levels with offset scaffolding levels.

### Reinforcement

To minimize the occurrence of plaster cracking with lightweight plasters in exteriors, a reinforcement plaster with full-surface mesh insert on the basecoat is recommended. For exterior plaster surfaces where the plaster system is exposed to increased stress, e.g. particular exposure of the façade, use of freely textured, brushed or sponged finishing plasters, finishing plasters < 2 mm grain size (acc. to DIN 18350, VOB Part C, < 3 mm), luminosity < 20, a reinforcing plaster with full-surface mesh insert on the basecoat is generally recommended. Refer to the "Leitlinie für das Verputzen von Mauerwerk und Beton - Guidelines for plastering masonry and concrete" issued by the VDPM e.V. (German only). The exceptions to this case are Gigamit and Sockel Gigamit with a full surface mesh insert.

### Plinth application

The render system must be protected against the ingress of moisture at the connection to the lower edge. The required plaster sealing or the necessary moisture protection must be applied up to at least 5 cm above the edge of the ground line or top edge of the covering. In the lower edge, this is recommended for application up to the existing building sealing. As a plaster seal / moisture protection, apply Sockel-Dicht in a layer thickness of at least 1.2 mm (dry layer thickness min. 1 mm). When sufficiently dry, apply a protective layer against damage (e.g. fleece laminated dimpled sheet and slip membrane).

### Health-relevant requirements

Always wear waterproof, robust gloves, long work clothes and safety goggles when working with Universal floated render SP 260 Pro.

If the Universal floated render SP 260 Pro comes into contact with the eyes, they must be washed out immediately with clean, clear water and an eye specialist consulted immediately! Avoid prolonged skin contact with the product and, if this occurs, clean the affected areas immediately and thoroughly with clean water!

The longer the fresh product remains on your skin, the greater the risk of serious skin damage. Keep children away from fresh material and always follow the health and safety instructions during application.

**Application temperature/climate**

Do not apply with air, component and/or substrate temperatures below +5 °C and ensure that the temperature does not fall below this temperature until the plaster has hardened sufficiently. Furthermore, the temperature should not exceed +30 °C during application.

In order to prevent rapid dehumidification of the fresh render by the exposure to direct sunshine (high surface temperatures), and/or strong wind (danger of cracks, reduction in strength) suitable protection measures / treatment (e.g. protective nets, keeping moist) are required.

**Cleaning**

Clean the equipment and tools with water immediately after use.

|              |   |
|--------------|---|
| <b>Notes</b> | <p>Renders must be applied according to EN 13914, DIN 18550, DIN 55699, DIN 18345 and DIN 18350 well as the generally recognized building engineering rules and valid guidelines.</p> <p>The mineral finishing render offers some protection against algal and fungal growth and has an inhibiting effect due to its natural alkaline formulation. No guarantee can, however, be given for long-term protection against algal and fungal growth. The susceptibility depends on the local and environmental conditions.</p> <p>Heating in rooms should only be put into operation in stages. Rapid dehumidification, e.g. using dehumidifiers should be avoided.</p> |
|--------------|---|

|              |  |
|--------------|--|
| <b>Notes</b> | <p>When mineral finishing renders are applied, it is possible that a uniform colour hue may not be achieved or a difference in the degree of gloss may occur on the render surface due to processing, consistence, weather-related or drying condition factors.</p> <p>These features, however, in no way impair quality and shall not provide any justification for claims in respect of the material as they stem from uncontrollable physical conditions at the site and they can be equalized by application of a coating.</p> <p>A 100% colour uniformity between the finishing render and the coating as well as on the Knauf colour shade selector card cannot be guaranteed. The colour effect is influenced by lighting effects on the surface, exposure to weather and drying conditions. We recommend that you create some test areas to determine the exact colour effect.</p> |
|--------------|--|

**Coatings and linings**

**Paints**

Finishing renders must be fully hardened and dry before paint coats are applied.

An additional coating in the plaster colour shade with Siliconharz-EG-Farbe paint or MineralAktiv Fassadenfarbe paint is recommended for exterior applications after a drying time of at least 7 days when pigmented renders are used (for WARM WALL systems with white finishing plasters also) (refer to the Code of Practice “Egalisationsanstriche auf Edelputzen” of the Verband für Dämmsysteme, Putz und Mörtel e.V. (VDPM) (German only). In case of white finishing renders which are to be pigmented in exteriors, a double coat of Knauf Fassadenfarbe façade paint is recommended. At a luminosity < 20, a reflection-optimized paint coat using Fassadol TSR or Autol TSR should be applied to the white finish coat.

In interiors, white finishing coats can be painted and pigmented finishing coats should be painted using Knauf interiors paints.

## Technical data

| Description  | SP 260 Pro  | Unit     | Standard   |
|--|-------------|----------|------------|
| Reaction to fire   | A1          | Category | EN 13501-1 |
| Grain size   | 2.0 / 3.0   | mm       | –          |
| Compressive strength   | CS II       | Category | EN 1015-11 |
| Capillary water absorption   | $W_c 2$     | Category | EN 1015-18 |
| Water vapour permeability coefficient $\mu$                        | $\leq 20$   | –        | EN 1015-19 |
| Thermal conductivity $\lambda_{10, \text{dry mat}}$ at<br>P = 50 % | $\leq 0.82$ | W/(m·K)  | EN 1745    |
| P = 90 %   | $\leq 0.89$ | W/(m·K)  |            |

The stated technical data were evaluated acc. to the respective test standards. Deviations under site conditions are possible.

## Characteristics for WARM WALL systems

| Description   | SP 260 Pro  | Unit                  | Standard  |
|---|-------------|-----------------------|-----------|
| Application quantity (wet)                                  | 3.2 – 3.4   | kg/m <sup>2</sup>     | –         |
| Layer thickness   | 2.0 – 3.0   | mm                    | –         |
| Capillary water absorption w                                | 0.2         | kg/m <sup>2</sup> ·√h | DIN 52617 |
| Water vapour diffusion-equivalent air layer thickness $S_d$ | 0.02 – 0.05 | m                     | DIN 52615 |

These characteristics apply for the following WARM WALL systems:

Z-33.41-81, Z-33.43-82, Z-33.44-83, Z-33.41-1382, Z-33.43-1408, Z-33.47-899, Z-33.47-1258, Z-33.47-638, Z-33.47-1760, Z-33.41-1788 and Z-33.43-1787

## Material requirement / efficiency

| Grain size<br>mm | Coat thickness<br>mm | Consumption approx.<br>kg/m <sup>2</sup> | Yield approx.<br>m <sup>2</sup> /bag |
|------------------|----------------------|--|--------------------------------------|
| 2.0              | 2.0                  | 3.2                                      | 7.8                                  |
| 3.0              | 3.0                  | 3.4                                      | 7.4                                  |

The consumption values were determined under laboratory conditions. Additional consumption resulting from conditions in practice must be taken into account. The material consumption depends on the roughness, evenness and absorption properties of the substrate as well as the machinery used.

## Product variants

| Description    | Application       | Grain size | Packaging unit | Material number | EAN           |
|----------------|-------------------|------------|----------------|-----------------|---------------|
| SP 260 Pro 2.0 | 25 kg             | 2.0 mm     | 42 bags/pallet | 00705117        | 4003950139024 |
|                | 25 kg (pigmented) |            |                | 00705120        | 4003950139116 |
| SP 260 Pro 3.0 | 25 kg             | 3.0 mm     |                | 00705118        | 4003950139055 |
|                | 25 kg (pigmented) |            |                | 00705121        | 4003950139147 |

## Sustainability and environment

**Note**

SP 260 Pro is qualified as a part of the Sentinel Holding Institute (SHI) [Product pass](#) for finishing renders - exterior.



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