



**SP260®**  
**Universal float render**

**PRODUCT PROFILE**

Mineral finish render for floated textures, with 2, 3 or 5 mm aggregate size. The render may be worked using a PVC or stainless-steel trowel to achieve a uniform rustic or more restrained floated finish. Sponge floating produces a coarser, more rustic texture.

- mortar group P II/strength class CS II to DIN V 18550/DIN EN 998-1
- premixed dry mortar with lime/cementitious binder
- low-chromate to TRGS (German Technical Regulations for Hazardous Substances) 613
- fire rating A (non-combustible)
- for indoors and outdoors
- good adhesion
- water-repellent
- vapour-permeable
- weather-resistant
- for manual or machine application
- long open time
- white or coloured to CLASSIC and (in part) FINESS colour fans

<b>TECHNICAL DATA (DIN EN 998-1, DIN V 18550)</b>	
Bulk density:	1.4 kg/dm <sup>3</sup>
Tensile bending strength:	1.6 N/mm <sup>2</sup>
Compressive strength:	3.1 N/mm <sup>2</sup>
Dynamic elastic modulus:	4900 N/mm <sup>2</sup>
Water vapour diffusion resistance factor $\mu$ :	7
Thermal conductivity (10°C, dry) $\lambda_{10,dry}$ :	$\leq 0.47$ W/(m·K), for P=50%
	$\leq 0.54$ W/(m·K), for P=90%
Capillary water absorption:	W 2

<b>COVERAGE CHART</b>				
	<b>Grading</b>	<b>Coat thickness mm</b>	<b>Coverage kg/m<sup>2</sup></b>	<b>Coverage m<sup>2</sup>/bag</b>
<b>SP 260</b>	2 mm	2.0	3.2	9.4
<b>SP 260</b>	3 mm	3.0	3.8	7.9
<b>SP 260</b>	5 mm	5.0	5.0	6.0

The above figures are approximate values and may vary according to background type.

**PREPARATION**

Cover or watertightly mask dirt-sensitive elements such as timber, glass, metal, stone, brick and flooring.

Protect weather-exposed work surfaces from precipitation. In the event of exposure to sunshine or very warm weather, hang nets around scaffolding until renderwork dries or postpone works until more favourable weather conditions prevail.

Clean down background to remove dust, dirt or any other matter impairing render bond.

After suitable waiting time and drying, roll or brush on undiluted Isogrund suction control/Neutrasit primer over new mortar group P I, P II and P III basecoats such as SUPER LUPP, LUP222, UP210 etc. Apply undiluted WARM-WAND-Grund (WARM WALL primer) to reinforcing and repair mortar such as SM700, Lustro etc.

Clean down dirty and friable, though strong, solid existing renderwork with high-pressure water jet and allow to dry. Stabilize with GRUNDOL Tiefengrund LF deep-penetrating primer and, after min. 24 hours drying time, treat with undiluted Quarzgrund bonding primer or apply 3-4 mm coat of SM700 or Lustro, incorporating scrim where required, or incorporate scrim reinforcement over whole surface. Clean down dusty concrete surfaces with high-pressure water jet. Apply undiluted KNAUF Betonkontakt concrete primer after 24 hours drying time.

Treat new gypsum or gauged lime/gypsum renderwork with undiluted Quarzgrund bonding primer. Dust down gypsum renderboard and pretreat with undiluted ATON Sperrgrund primer sealer. Pre-treat filled joints with GRUNDOL Tiefengrund LF deep-penetrating primer. Two coats of ATON Sperrgrund may be required for renovation/refurbishment contracts or in case of lignin discoloration. Pre-treat paperless gypsum wall panels with GRUNDOL Tiefengrund LF deep-penetrating primer. Apply undiluted Quarzgrund bonding primer after min. 24 hours drying time. Allow priming coats to dry for min. 24 hours prior to application of SP260.

### **APPLICATION**

For manual application: add 30 kg bag contents to approx. 8.2 ltr water and stir to lump-free consistency. Re-stir after 15 minutes maturing time.

Always mix sufficient mortar for complete area of renderwork. Using rendering/finishing trowel, apply to aggregate thickness and work to required texture.

For machine application: when starting up with D4-3 pump, set water to approx. 370 ltr, then set to lean, though not too thin a mortar consistency. Pre-lubricate hoses with wallpaper paste. Spray on mortar, strike off with trowel to aggregate thickness and immediately work to required texture using appropriate tool (PVC trowel, foam rubber or sponge float, brush etc.).

Work wet on wet, do not rub renderwork that has stiffened!

### **REINFORCEMENT**

On facades, embedding of scrim in basecoat over whole surface or incorporation of scrim reinforcement using SM700 or Lustro is recommended for composite masonry, larger render thicknesses, brushed finishes or textured renderwork with aggregate size less than 2 mm (< 3 mm specified by DIN 18345/18350, VOB – German Construction Contract Procedures – Part C). An additional scrim layer in reinforcing mortar or second scrim reinforcement laid to break joint with first is recommended for WARM WALL systems.

### **PLEASE NOTE**

Rendering works are subject to the requirements of DIN EN 13914, DIN V 18550, DIN 55699 and DIN 18345/DIN 18350, VOB (German Construction Contract Procedures) Part C.

Mix dry mortar only with clean water. Do not use any foreign additives.

Do not apply at air and/or wall temperatures below +5°C. Protect fresh renderwork against frost and premature drying out.

The renderwork surface may exhibit variations in colour, strength and gloss level or, chiefly in the colder season, suffer calcium carbonate efflorescence due to consistency-, weather- or drying-related factors. These features, however, in no way impair quality and shall not provide any justification for claims as they stem from uncontrollable physical conditions at the site and their impact will, over time, diminish through natural weathering and subsequent carbonation.

To counteract weather- and application-related colour variations, connected surfaces shall always be rendered from corner to corner without interruption.

For coloured SP260 and also white SP260 on WARM WALL systems, finishing with a single coat of MARMORIT SILICONHARZ silicone colour equalization paint or AUTOL silicone facade paint in render colour is recommended.

Given the varying pigmentation, a 100% colour match between SP260 and SILICONHARZ or the MARMORIT colour fans cannot be guaranteed. Nor can variations in colour be ruled out for the same hue.

Due to its natural alkalinity, SP260 helps to control and inhibit algal and fungal attack. No guarantee can, however, be given for long-term protection against algal and fungal growth. Vulnerability to attack depends on local factors and the prevailing environmental conditions.

### **PLINTH TREATMENT**

SP260 may be carried down over plinth render to approx. 5 cm above ground level provided risk of splashing is low or additional protection is incorporated.

After drying out, all rendered surfaces in contact with ground or gravel beds shall be waterproofed/protected against moisture, starting from basement wall waterproof barrier up to approx. 5 cm above ground level, in accordance with DIN 18195.  
To this end, a 2.5 mm coat of MARMORIT SOCKEL-DICHT may be applied. Cover with nonwoven-faced studded sheet after drying.

### **SAFETY AT WORK**

Mineral mortars exhibit an alkaline reaction upon contact with water. Causes skin irritation. Risk of serious eye damage. Avoid contact with skin and eyes. Wear eye/face protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Requirements of safety data sheet shall be observed (current version obtainable at [www.marmorit.de](http://www.marmorit.de)).  
Once set, the material poses no physiological or ecological hazards.

### **MACHINERY/EQUIPMENT**

Rendering machines such as PFT G4/G5 or equivalent  
Stator: D4-3, half capacity  
Rotor: D4-3, half capacity  
Mortar hoses: 25 mm dia  
Wet mortar pumping distance: up to 30 m

### **COMPOSITION**

Binder:  
White Portland cement to DIN EN 197, hydrated lime to DIN EN 459.  
Aggregate:  
Quartz and limestone graded to DIN 4226, 0-2, 3 or 5 mm  
Admixtures:  
Water-retaining admixture, water-repellent, where required alkali-resistant colour pigments

### **QUALITY**

In accordance with DIN EN 998-1, the product shall be subject to initial type testing and ongoing factory production control (FPC). Being additionally subject to external monitoring, it is entitled to carry – alongside the CE mark – the RAL Quality Label for premixed dry mortar.

### **DELIVERY FORM/SHELF LIFE**

30 kg paper bags.  
Shelf life 9 months, subject to storage in dry, moisture-protected environment.

### **SUPPLY**

Via Marmorit approved applicators or local distributors

### **NOTE**

This data sheet, which replaces all previous editions, is designed to provide you with advice and assistance. The information presented herein reflects our present state of knowledge. It cannot, however, embody the sum total of good practice, nor incorporate the provisions of all relevant standards, codes of practice and guidelines. These – together with the relevant application rules and guidelines – shall be duly observed by the applicator!

### **TECHNICAL ADVICE**

Information and advice may be provided by our external representatives or the MARMORIT Technical Department

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