

MULTIGIPS

# ROTWEISS<sub>100</sub>



**BONDING  
GYPSUM  
PLASTER**

Manual gypsum plaster  
**MultiGips RotWeiss 100**

Excellent workable, high-yielding gypsum building plaster with lightweight aggregates and bonding additives for one coat smoothed wall and ceiling plasters on all suitable substrates in interior areas, especially on concrete, including domestic kitchens and bathrooms

#### **Gypsum building plaster**

acc. EN 13279-1

#### **For application of internal plastering**

acc. EN 13914-2

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Up-to-dateness  
MG | TM | RW100 | ENG | VGO | 07.21  
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# MULTIGIPS TECHNICAL DATA SHEET

Manual gypsum plaster  
MultiGips RotWeiss 100



# MultiGips

**Excellent workable, high-yielding gypsum building plaster with lightweight aggregates and bonding additives for one coat smoothed wall and ceiling plasters on all suitable substrates in interior areas, including domestic kitchens and bathrooms**

**For all kinds of masonry, concrete as well as stable plasterable substrates**

Technical Data Sheet contains informations according to the latest technical development. Only valid in conjunction with the recognized rules of construction technology and in conjunction with the technical documentation of VG-ORTH GmbH & Co. KG. Does not apply to other specified construction products/types in conjunction with their installation. Provides technical information for designers and users to improve their understanding and ensure that the construction product is used and applied as intended. Does not substitute compliance with the established rules of construction technology and professional use and design under practical conditions. Warranted performance by the manufacturer for the construction product at time of market introduction. No commitment to a legally binding guarantee of certain properties or suitability for a particular application. Performance characteristics of the applied construction product dependent on different conditions, e.g. weather, temperature, substrate inspection and pre-treatment, professional application and/or time for drying / hardening. The relevant technical values for the construction product were calculated in accordance with the testing standard. Consumption, volumes and times may deviate from test values under practical conditions. To achieve the physical, structural and construction properties of MultiGips gypsum blocks or gypsum building plasters, only MultiGips system components or products recommended by VG-ORTH GmbH & Co. KG may be used.

European Standard	EN 13279-1, B4/20/2
Term	Lightweight gypsum building plaster (bonding gypsum plaster)
Quality assurance	Initial type testing and factory production control
Scope	Plastering of walls and ceilings inside buildings as a substrate for tiles, finishing plasters, coatings or wallpapers. Especially for domestic kitchens and bathrooms
Special performance	Gypsum-based building product, with lightweight aggregates, high yield, strong adhesion, VOC emission tested
Reaction to fire	Non-combustible, Class A1 (no contribution to fire) acc. to 96/603/EC
Flexural strength	≥ 1.0 N/mm <sup>2</sup>
Compressive strength	≥ 2.0 N/mm <sup>2</sup>
Bond strength	≥ 0.1 N/mm <sup>2</sup>
Substrat	The substrate must be stable, dry, even, free of grease and dust and have normal and uniform absorbency. It must be free of adhesion-reducing substances. It must be checked acc. to EN 13914-2 (see also APPLICATION).
Plaster layers	One coat
Wet mortar	> 1,200 l/t
Yield	> 120 m <sup>2</sup> /t/10 mm
Application	Manual gypsum plaster
Working time, approx.	1:40 h:min
Plaster surface	Smoothed, rough stripped
<b>PLASTER THICKNESS</b>	
On walls	10 mm on average 8 mm minimum, full surface 5 mm minimum, limited to certain points 35 mm maximum, full surface 50 mm maximum, limited at points
Under ceilings (always one coat)	10 mm on average 8 mm minimum, full surface 5 mm minimum, limited to certain points 15 mm maximum, full-surface (> 15 mm with carrier)
Under tiles	10 mm minimum (always rough stripped)
Above carrier	15 mm minimum (measured on visible side)

### APPLICATION

Internal plastering acc. to EN 13914-2 should only be started or continued if

- the parts of the building to be plastered are protected from damage caused by weather conditions, e.g. rain through openings, frost, wind;
- the substrat has been inspected, properly prepared, e.g. remove mould formation and allowed sufficient time to dry out.

If concrete: a moisture content ≤ 3 % by mass is recommended, measuring in an approx. depth of 30 mm;

- the temperature of the surface of the substrat and the air close to it is higher than a recommended min. temperature of +5 °C;
- the temperature of the surface of the substrat and the air close to it is lower than a recommended max. temperature of +30 °C;

The substrat may be judged by the generally accepted test methods of visual examination, wetting, scratching and/or wiping.

Preparatory treatment or pre-treatment of the substrat is recommended if

- the suction of the substrat is too high or too low;
- the substrat is too smooth;
- an improved adhesion between the substrat and the plaster is required (e.g. painted substrates);
- the substrat exhibits organic growth or efflorescence.

The following can be used for MultiGips gypsum plaster:

- bonding agent MultiGips Betonkontakt for sufficient adhesion, especially on concrete;
- primer MultiGips Grundiermittel or MultiGips Aufbrennsperre for uniform suction behaviour.

ARTICLE	ARTICLE GROUP
MultiGips RotWeiss 100 30 kg	Bonding gypsum plaster 30 kg bag
Shelf life	
<b>Hazards Identification</b>	

PACKAGING UNIT	MATERIAL NUMBER	EAN
40 bags/pallet	601	4035442130103
Dry, approx. 6 months Should be stored dry off the ground and protected from weather		
<b>GHS 05 Corrosion acc. to regulation (EC) No 1272 (CLP) Observe safety data sheet: ce.multigips.de</b>		