

MULTIGIPS

MP103



LIME
& GYPSUM

Projection gypsum plaster
MultiGips MP 103 L KalkGips plus

With lime

High-yielding lightweight gypsum-lime building plaster for one coat smoothed and felted wall and ceiling plasters on all suitable substrates in interior areas, including domestic kitchens and bathrooms

Premixed gypsum building plaster
acc. EN 13279-1

For application of internal plastering
acc. EN 13914-2

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MULTIGIPS TECHNICAL DATA SHEET

Projection gypsum plaster

MultiGips MP 103 L KalkGips plus



MultiGips

High-yielding lightweight gypsum-lime building plaster 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, B6/50/2
Term	Lightweight gypsum-lime building 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. Suitable for domestic kitchens and bathrooms
Special performance	Gypsum-based building product, with lime and lightweight aggregates, high yield, VOC emission tested
Reaction to fire	Non-combustible, Class A1 (no contribution to fire) acc. to 96/603/EC
Flexural strength	$\geq 1.0 \text{ N/mm}^2$
Compressive strength	$\geq 2.0 \text{ N/mm}^2$
Bond strength	$\geq 0.1 \text{ N/mm}^2$
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	$> 1,200 \text{ l/t}$
Yield	$> 120 \text{ m}^2/\text{t}/10 \text{ mm}$
Application	Projection plaster
Working time, approx.	3:45 h:min
Plaster surface	Smoothed, felted, rough stripped
PLASTER THICKNESS	
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 ($> 15 \text{ mm}$ 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 $\leq 3 \%$ 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 $+5 \text{ }^\circ\text{C}$;
- the temperature of the surface of the substrat and the air close to it is lower than a recommended max. temperature of $+30 \text{ }^\circ\text{C}$;

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	PACKAGING UNIT	MATERIAL NUMBER	EAN
MultiGips MP 103 L KalkGips plus 30 kg	Projection gypsum plaster 30 kg bag	40 bags/pallet	919	4003230005964
Shelf life		Dry, approx. 6 months Should be stored dry off the ground and protected from weather		
Hazards Identification		GHS 05 Corrosion acc. to regulation (EC) No 1272 (CLP) Observe safety data sheet: ce.multigips.de		