

MULTIGIPS

# AQUA PROTECT



COLOR  
GREENISH

Projection gypsum plaster  
**MultiGips MP AquaProtect®**

Water repellent



VG-ORTH GMBH & CO. KG  
Holeburgweg 24  
DE - 37627 Stadtdendorf  
Phone +49 5532 505-0  
Fax +49 5532 505-560  
info@multigips.de

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ce.multigips.de

Excellent workable gypsum building plaster with lightweight aggregates for one coat smoothed, water repellent plasters with increased compressive strength on all suitable substrates in interior areas, especially in domestic kitchens and bathrooms

## Gypsum building plaster

acc. EN 13279-1

## For application of internal plastering

acc. EN 13914-2

## MULTIGIPS TECHNICAL DATA SHEET

Projection gypsum plaster  
MultiGips MP AquaProtect®



# MultiGips

**Very well workable gypsum building plaster with lightweight aggregates for one coat smoothed, water repellent plasters with increased compressive strength on all suitable substrates in interior areas, especially in 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. The stated thermal, structural and technical properties of the MultiGips systems apply when the intended MultiGips system components or the products recommended by VG-ORTH GmbH & Co. KG are used.

|                                  |                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| European Standard                | EN 13279-1, B4/50/2                                                                                                                                                                                                     |
| Term                             | Lightweight gypsum 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. Especially for domestic kitchens and bathrooms                                                  |
| Special performance              | Gypsum-based building product, with lightweight aggregates, water repellent, increased compressive strength, VOC emission tested; greenish coloured                                                                     |
| 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             | $\geq 3.5 \text{ N/mm}^2$                                                                                                                                                                                               |
| 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                       | 1,050 l/t                                                                                                                                                                                                               |
| Yield                            | 105 m <sup>2</sup> /t/10 mm                                                                                                                                                                                             |
| Application                      | Projection plaster                                                                                                                                                                                                      |
| Working time, approx.            | 3:30 h:min                                                                                                                                                                                                              |
| Plaster surface                  | Smoothed, rough stripped                                                                                                                                                                                                |
| <b>PLASTER THICKNESS</b>         |                                                                                                                                                                                                                         |
| On walls                         | 10 mm on average<br>8 mm minimum, full surface<br>5 mm minimum, limited to certain points<br>35 mm maximum, full surface<br>50 mm maximum, limited at points                                                            |
| Under ceilings (always one coat) | 10 mm on average<br>8 mm minimum, full surface<br>5 mm minimum, limited to certain points<br>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  $\leq 3 \%$  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 °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                          | PACKAGING UNIT                                                                                                                                   | ARTICLE NUMBER | EAN           |
|---------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------|
| MultiGips<br>MP AquaProtect®<br>30 kg | Projection gypsum plaster<br>30 kg bag | 40 bags/pallet                                                                                                                                   | 11918          | 4003230004325 |
| Shelf life                            |                                        | Dry, approx. 6 months<br>Should be stored dry off the ground and protected from weather                                                          |                |               |
| <b>Hazards Identification</b>         |                                        | <b>GHS 05 Corrosion acc. to regulation (EC) No 1272 (CLP)</b><br>Observe safety data sheet: <a href="http://ce.multigips.de">ce.multigips.de</a> |                |               |