

MULTIGIPS CASOFILL®

# SUPER50



Jointing compound  
**MultiGips CasoFill® Super 50**

With and without  
reinforcement jointing tape

Powdered, synthetically enhanced gypsum-based filler for manual application in joints and on surfaces of drywall systems, on smooth mineral substrates such as concrete, precisely dimensioned masonry and interior plasters as well as in joints of precast concrete elements

**Filling, jointing and finishing compound**  
acc. to EN 13963, type 3B/4B  
**Finishing product für mineral substrates**  
acc. to EN 13279-1 – C7

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

Up-to-dateness  
MG | TM | CFS50 | ENG | VGO | 11.24  
ce.multigips.de

# MULTIGIPS TECHNICAL DATA SHEET

Gypsum-based jointing compound  
MultiGips CasoFill® Super 50



# MultiGips

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European Standard

Quality assurance

Scope (interior areas)

Special performance

Reaction to fire

Substrat

Pre-treatment, priming

Application temperature / climate

Mixing

## APPLICATION IN DRYWALL SYSTEMS

Joint/edge filling without jointing tape  
Follow processing instructions of board manufacturers!

Joint/edge filling with jointing tape  
Follow processing instructions of board manufacturers!

Sanding

## Jointing material for gypsum plasterboards

Bedding compound (EN 13963 – 1B)

Finishing compound (EN 13963 – 2B)

Jointing compound suitable for both bedding and finishing as dual-purpose compound

for use with tape (EN 13963 – 3B)

Tapeless jointing compound at suitable edge formation (EN 13963 – 4B)

## Finishing product für mineral substrates

Gypsum finishing compound for final application (EN 13279-1 – C7)

Initial type testing and factory production control

Gypsum plasterboards acc. to EN 520, gypsum boards with fibrous reinforcement acc. to EN 15283-2 or composite plasterboards: with half-rounded edge (HRK) or half-rounded tapered edge (HRAK ) without jointing tape and with tapered edge (AK), bevelled cut edge (SFK) or mixed edge type combinations with jointing tape  
Surface filling of suitable smooth substrates  
Joint sealing of precast concrete elements

Gypsum-based filler for hand filling joints of drywall systems, very pliable, easy to sand, low drying shrinkage, high adhesion and crack resistance

Non-combustible, Class A1 (no contribution to fire) acc. to EN 13501-1

Must be stable, dry, solid, level, clean and dust-free. Existing release agents, e.g. wallpaper paste or paper residues, must be removed. Gypsum plasterboards must be firmly attached to their substructures.

Pre-treatment usually not required when used in drywall systems. Follow processing instructions of board manufacturers, e.g. for priming open edges.

Use MultiGips Grundiermittel oder Aufbrennsperre on highly and/or differently absorbent substrates, e.g. on masonry or gypsum plaster

Air and component temperatures must not be less than +10 °C and not more than +30 °C during filling. Protect from frost until complete hardening

Sprinkle approx. 1.6 kg of material evenly and slowly into 1 l of water at room temperature up to the waterline and allow to sump. Do not mix with foreign material and/or additives. After blending, stir the material with a trowel or mixer until creamy and stiff. Adding water again and/or stirring again will not make material that has already stiffened usable again. Clean equipment and tools immediately after use with water

Usually apply in 2 passes, depending on the desired surface quality

1) Fill joints completely in the first working operation using a smoothing trowel or screw handle trowel. Press material in transversely to the joint to both sides. Cover fasteners. Push off stiffened, protruding material (in Germany: basic filling).

2) In the second filling pass, create a transition to the boards surface with a trowel or surface/wide trowel. Also fill screw heads/fastenings as well (in Germany: standard filling).

As above, but after the first filling pass, apply jointing tape acc. to the boards manufacturer's instructions. The tapes should be placed in a  $\geq 1$  mm thick filler coat on both boards edges. This filler coat should also cover the tape  $\geq 1$  mm after smoothing.

After drying, remove filler burrs by hand with sanding grid or by machine with drywall sander and unify transitions

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## APPLICATION IN SOLID CONSTRUCTION

Joint filling

Surface filling  
(on precisely dimensioned building components)

Filler coat

Working time, approx.

Bond strength

## MATERIAL REQUIREMENTS

Joint/edge filling

HRAK, simply planked

Consumption (kg/m<sup>2</sup>), approx.

HRAK, double planked

Consumption (kg/m<sup>2</sup>), approx.

HRAK, triple planked

Consumption (kg/m<sup>2</sup>), approx.

Surface filling

Consumption, approx.

Yield, approx.

Press material in transversely to the joint to both sides. At the beginning of stiffening, push off any protruding material and smooth down. If necessary, prime filler coat after complete drying (recommended) and apply the second filler coat on dried primer.

Concrete: The residual moisture of concrete may be  $\leq 3$  mass-% to a depth of 3 cm. Pre-treat with MultiGips Betonkontakt and apply material in a thickness of at least 2 – 4 mm. If necessary, prime dried filler coat with MultiGips Grundiermittel or Aufbrennsperre and apply second filler coat on dried primer.

Masonry/interior plaster: Prime highly and/or differently absorbent substrates with MultiGips Grundiermittel or Aufbrennsperre. Apply material in a thickness of up to 4 mm. If necessary, prime dried filler coat again and apply second filler coat on dried primer.

Up to 4 mm; in general, for gypsum-based finishing products, a closed  $\geq 1$  mm thick filler coat should be present for a successful adhesive tape test.

0:50 h:min

$> 0.25$  N/mm<sup>2</sup>

Thickness (mm)	Ceiling	Wall	Dry lining
12,5	0,3	0,5	0,25
15,0	0,3	0,5	-
18,0	0,6	1,0	-
20,0	0,6	1,1	0,55
25,0	0,65	1,2	0,6

Thickness (mm)	Ceiling	Wall	Dry lining
2 x 12,5	0,5	0,8	0,4
2 x 15,0	0,5	0,8	0,5
2 x 20,0	1,0	-	0,85
2 x 25,0	-	-	0,9
18,0 + 15,0	0,5	-	-
25,0 + 18,0	1,0	-	0,7

Thickness (mm)	Ceiling	Wall	Dry lining
3 x 12,5	-	1,0	-

0,8 kg/m<sup>2</sup>/mm

31 m<sup>2</sup>/25 kg/mm

ARTICLE	ARTICLE GROUP
MultiGips CasoFill® Super 50 5 kg	Filler 5 kg bag
MultiGips CasoFill® Super 50 25 kg	Filler 25 kg bag

Shelf life

## Hazards Identification

PACKAGING UNIT	MATERIAL NUMBER	EAN
120 bags/pallet	327	4003230000518
40 bags/pallet	328	4003230000556

Dry, approx. 9 months

Should be stored dry off the ground and protected from weather

Not classified as hazardous acc. to regulation (EC) No 1272 (CLP)  
Observe safety data sheet: [ce.multigips.de](http://ce.multigips.de)

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.