

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

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Up-to-dateness  
MG | TM | CFS50 | ENG | VGO | 07.21  
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## MULTIGIPS TECHNICAL DATA SHEET

Gypsum-based jointing compound  
MultiGips CasoFill® Super 50



# MultiGips

**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**

European Standard	EN 13963, type 3B (dual-purpose compound), type 4B (tapeless jointing compound)
Term	Jointing material for gypsum plasterboards
Quality assurance	Initial type testing and factory production control
Scope (interior areas)	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
Special performance	Gypsum-based filler for hand filling joints of drywall systems, very pliable, easy to sand, low drying shrinkage, high adhesion and crack resistance
Reaction to fire	Non-combustible, Class A1 (no contribution to fire) acc. to EN 13501-1
Substrat	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, priming	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
Application temperature / climate	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
Mixing	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
<b>APPLICATION IN DRYWALL SYSTEMS</b>	
Joint/edge filling without jointing tape Follow processing instructions of board manufacturers!	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).
Joint/edge filling with jointing tape Follow processing instructions of board manufacturers!	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.
Sanding	After drying, remove filler burrs by hand with sanding grid or by machine with drywall sander and unify transitions
<b>APPLICATION IN SOLID CONSTRUCTION</b>	
Joint filling	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.
Surface filling (on precisely dimensioned building components)	Concrete: The residual moisture of concrete should 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.
Filler coat	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.
Working time, approx.	0:50 h:min
Bond strength	$> 0.25$ N/mm <sup>2</sup>

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## 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.

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

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.

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	
<b>Hazards Identification</b>	

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		
<b>Not classified as hazardous acc. to regulation (EC) No 1272 (CLP) Observe safety data sheet: ce.multigips.de</b>		