

MULTIGIPS

# FG 70-B



Plaster for radiation protection  
**MultiGips FG 70-B**  
**Barythic**

Strong adhesive gypsum plaster for filling ceiling connection joints in non-load bearing partition walls for radiation protection made of solid gypsum blocks MultiGips D100-R48 acc. to EN 12859 as well as for backfilling steel frames in these walls

**Lightweight gypsum building plaster**  
acc. to EN 13279-1

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Up-to-dateness  
MG | TM | FG70-B | ENG | VGO | 07.21  
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## MULTIGIPS TECHNICAL DATA SHEET

Lightweight gypsum building plaster  
MultiGips FG 70-B Barythic



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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
Term
Quality assurance
Use
Scope
Special performance
Reaction to fire
Consumption (joints), approx.
Consumption (steel frames), approx.
Yield, as filler, approx.
Processing
Working time, approx.
Mixing
Ceiling connection, elastic
Ceiling connection, rigid
Steel frame, post-installed
Drying/ventilation

ARTICLE	ARTICLE GROUP
MultiGips FG 70-B Füll & Zargengips 25 kg	Accessories for gypsum blocks 25 kg bag
Shelf life	
<b>Hazards Identification</b>	

EN 13279-1
Lightweight gypsum building plaster (B4/20/2) for solid barythic gypsum blocks acc. to EN 12859
Initial type testing and factory production control
Filling/backfilling and joint sealing of ceiling connection joints in non-load bearing partition walls for radiation protection made of solid gypsum blocks MultiGips D100-R48 (high density, approx. 1,400 kg/m <sup>3</sup> ), of slots, recesses, openings in these walls, of steel frames of radiation protection doors in these walls Closing of cavities, holes, slits Assembly, repair and installation works
Interior In X-ray rooms for diagnostics and radiation therapy in healthcare buildings in conjunction with barythic gypsum blocks MultiGips D100-R48
Gypsum-based building product Barythic High adhesive strength
Non-combustible Class A1 (no contribution to fire) acc. to 96/603/EC
2 kg/m <sup>2</sup> wall
17 kg/frame (wall thickness 100 mm, post-installed)
31 m <sup>2</sup> /25 kg/mm
Manual
1:10 h:min
Sprinkle 1.4 parts powder into 1 part clean water at room temperature evenly slowly to the waterline and allow to sump. Do not mix with foreign material and/or additives. After drenching, stir material with trowel or mixer. Adding water again and/or stirring again will not make stiffened material usable again. Clean equipment and tools immediately with water after use.
Install elastic interlayer MultiGips AkustikBit 1000 (for Germany: acc. to DIN 4103-2), avoid interruptions. If necessary, chamfer edges of the blocks (simplified filling, enlarged bonding surface). Press joint tightly with material (stability, fire protection, sound insulation, radiation protection). Do not coat installed interlayers, e.g. with filler; make a separating cut if interlayers are coated (sound transmission).
Press out joint tightly with material
Chamfer and roughen reveal, saw out recesses for frame anchors, remove dust from cut surfaces, moisten. Insert frame plumb and flush, fix, brace. Completely fill cavities between frame and wall.
After wall construction, remove air humidity in closed rooms by regular short-term ventilation (shock ventilation, cross ventilation). Protect from frost until completely dry

PACKAGING UNIT	MATERIAL NUMBER	EAN
40 bags/pallet	681	4003230006053
Dry, approx. 6 months Should be stored dry off the ground and protected from the weather		
<b>GHS 05 Corrosion acc. to regulation (EC) No 1272 (CLP) Observe safety data sheet: ce.multigips.de</b>		