

MULTIGIPS

DH100R50

SOUND INSULATION BLOCK



Solid gypsum block with smooth faces for non-load bearing partition walls

DH100-R50
High density (D) 1.4
100 mm thickness
Water repellent
acc. to EN 12859

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Up-to-dateness
MG | TM | DH100-R50 | ENG | VGO | 07.21
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MULTIGIPS TECHNICAL DATA SHEET

Solid gypsum block Hydrophobic
MultiGips DH100-R50



MultiGips

Solid gypsum block with smooth faces for the construction of non-load bearing partition walls

**High density
Water repellent**

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
Reaction to fire
Resistance to fire
Direct airborne sound insulation R_w weighted sound reduction index Rating acc. to EN ISO 717-1
Dimensions, d/l/h
Class of density
Density, approx.
Class of water absorption
Water absorption (in water for 2 h)
Bending strength, minimum average breaking load
Surface hardness
Mass per square metre, incl. components, approx.
Assembling

EN 12859
Gypsum block with tongues and grooves on at least two of their opposite edges and with plain and smooth surface intended to provide the finish of a partition
Initial type testing and factory production control
Construction of non-load bearing partition walls, independent wall linings, fire protection of buildings etc.
In rooms, workrooms and bedrooms with normal humidity, including kitchens and bathrooms used for domestic purposes in residential and non-residential buildings in new and existing buildings
Non-combustible Class A1 (no contribution to fire) acc. to 96/603/EC
EI 120 acc. to EN 13501-2 240 min. acc. to WF Report No 194213 Issue 4
50 dB In conjunction with elastic interlayer MultiGips AkustikBit 1000 Without flanking transmission
100/400/500 mm
D (dense)
1,400 kg/m ³
H2, bluish
≤ 5 %
> 9.4 kN
> 80 Shore C
142 kg/m ²

Connect with gypsum adhesive for gypsum blocks acc. to EN 12860 from MultiGips (hydrophobic gypsum adhesive MultiGips Hydro 90 recommended). Stability due to connection to adjacent building components. No plastering required. To create background for tiles, repel gypsum adhesive after hardening; do not fill surfaces. If necessary, protect metal parts against corrosion. Can be applied on raw floors or on suitable floating screed (at usual room heights and in compliance with sound insulation requirements). On existing wooden floors (walls at right angles to the joists) in conjunction with adequately dimensioned supports. In conjunction with elastic interlayers (for Germany: in acc. with DIN 4103-2, Table 4). Install elastic interlayers between wall and adjacent components tightly butted and free of cavities. After surface filling of the wall, cut off elastic interlayers flush.

ARTICLE	ARTICLE GROUP
MultiGips DH100-R50 28 kg 5 blocks/m ² wall	Solid gypsum block High density RH50
Storage	
Hazards Identification	

PACKAGING UNIT	MATERIAL NUMBER	EAN
24 blocks/pallet 2 packages/pallet 672 kg/pallet 4.8 m ² /pallet	761	4003230005988
Dry on Euro pallets		
Not classified as hazardous acc. to regulation (EC) No 1272 (CLP) Observe safety data sheet: ce.multigips.de		