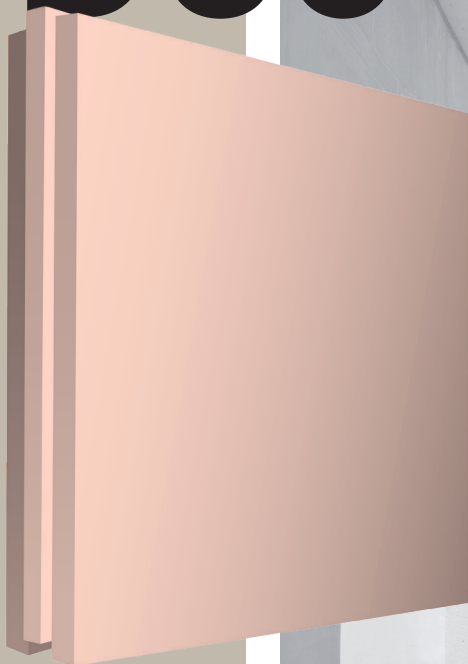


MULTIGIPS

# D80-1.4



SOUND INSULATION BLOCK



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

## **D80-1.4**

**High density (D) 1.4**

**80 mm thickness**

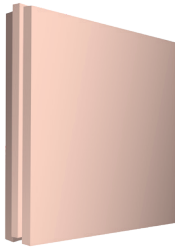
acc. to EN 12859

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Up-to-dateness  
MG | TM | D80 | ENG | VGO | 07.26  
[ce.multigips.de](http://ce.multigips.de)

MULTIGIPS TECHNICAL DATA SHEET

Solid gypsum block  
MultiGips D80-1.4



MultiGips

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

High density

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                                                                                                |
| Term                                                                                                             |
| Quality assurance                                                                                                |
| Use                                                                                                              |
| Scope                                                                                                            |
| Reaction to fire                                                                                                 |
| Resistance to fire                                                                                               |
| Direct airborne sound insulation<br>R <sub>w</sub> weighted sound reduction index<br>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                                                                                                       |

| ARTICLE                                                       | ARTICLE GROUP                      |
|---------------------------------------------------------------|------------------------------------|
| MultiGips<br>D80-1.4<br>30 kg<br>4 blocks/m <sup>2</sup> wall | Solid gypsum block<br>High density |
| Storage                                                       |                                    |
| Hazards Identification                                        |                                    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>Class A1 (no contribution to fire) acc. to 96/603/EC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| El 120 acc. to EN 13501-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 44 dB<br>In conjunction with elastic interlayer MultiGips AkustikBit 1000<br>Without flanking transmission                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 80/500/500 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| D (dense)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1,400 kg/m <sup>3</sup> , reddish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| H3, no requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| No requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| > 5.7 kN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| > 80 Shore C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 114 kg/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Connect with gypsum adhesive for gypsum blocks acc. to EN 12860. 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. |

| PACKAGING UNIT                                                                                                  | ARTICLE NUMBER | EAN           |
|-----------------------------------------------------------------------------------------------------------------|----------------|---------------|
| 30 blocks/pallet<br>2 packages/pallet<br>900 kg/pallet<br>7.5 m <sup>2</sup> /pallet                            | 11793          | 4003230006299 |
| Dry on Euro pallets                                                                                             |                |               |
| Not classified as hazardous acc. to regulation (EC) No 1272 (CLP)<br>Observe safety data sheet: ce.multigips.de |                |               |