

MULTIGIPS

HYDRO SOCKEL



Plinth element

MultiGips HydroSockel

For the protection of internal walls made of solid gypsum blocks in accordance with EN 12859 against rising damp due to water ingress during construction or subsequent water damage, and for the prevention of thermal bridges in foundation slabs or ceilings over unheated spaces.



Description	Plinth element for the protection of internal walls made of solid gypsum blocks in accordance with EN 12859 against rising damp due to water ingress during construction or subsequent water damage, and for the prevention of thermal bridges in foundation slabs or ceilings over unheated spaces
PRODUCT PROPERTIES IN ACCORDANCE WITH EN 13167	
Technical Specification	EN 13167 Thermal insulation products for buildings – Factory made cellular glass (CG) products
Material	Cellular glass, watertight, dimensionally stable, subsequently fleece-faced
Colour	Black
Apparent density ± 10%	123 kg/m³
Dimensions (L/W)	600/80 mm 600/100 mm
Thickness	40 mm
Thermal conductivity (EN ISO 10456)	$\lambda_0 \leq 0.045 \text{ W/(m}\cdot\text{K)}$
Thermal resistance	$R_0 \text{ (m}^2\text{K/W)} 0.90$
Reaction to fire	Non-combustible Euroclass A1 (core material) in accordance with DIN EN 13501-1
Point load (EN 12430)	$\leq 1.0 \text{ mm}$
Compressive strength (EN 826 Annex A)	$\geq 900 \text{ kPa}$
Characteristic value of compressive stress or compressive strength (ISO 12491) ¹⁾	$\sigma_{0.05} = 905 \text{ kPa}$ ($n=50$, $\sigma_{\text{mean}} = 1097 \text{ kPa}$, $S_0 = 127 \text{ kPa}$)
1) 5%-fractile value for a one-sided confidence level of 75% under unknown or known variance using ISO 12491:1997	
Compressive creep (EN 1606)	(1.5/1/50) 350
Bending strength (EN 12089)	$\geq 500 \text{ kPa}$
Tensile strength (EN 1607)	$\geq 200 \text{ kPa}$
ADDITIONAL TECHNICAL CHARACTERISTICS	
Permissible compressive stress (permanent load; safety factor of 3 already included)	$\sigma = 0.33 \text{ N/mm}^2$
Thermal diffusivity, at 0 °C	$4.1 \times 10^{-7} \text{ m}^2\text{/sec}$
Water vapour resistance (EN ISO 10456)	$\mu = \infty$
Hygroscopicity (EN ISO 12571)	0
Capillarity (EN 1015-18)	0
Coefficient of thermal expansion (EN 13471)	$9 \times 10^{-6} \text{ K}^{-1}$
Specific heat capacity (EN ISO 10456)	1,000 J/(kg·K)
Field of application	For internal use
Application	Install on floors using suitable mortars, ensuring no gaps or interruptions. For elastic connections, use in conjunction with MultiGips elastic interlayer AkustikPro 120 or elastic interlayer AkustikBit 1000
Material requirements	0.4 m/m² of wall



ARTICLE	ARTICLE GROUP
MultiGips HydroSockel Base element 80 mm width	Accessories for gypsum blocks
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Hazards Identification	

PACKAGING UNIT	ARTICLE NUMBER	EAN
On demand	21061	4003230002482
On demand	21064	4003230002512
Not classified as hazardous in accordance with the CLP Regulation (EC) No 1272/2008		

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HINWEISE

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