

# Technical Data

## GLAPOR Cellular Glass Board PG 600.3



**characterization:**

EN 13167: Thermal insulation products for buildings  
 ETA-20/0220: External horizontal and vertical thermal insulation of in-ground constr. in non-structural applications (also in case of groundwater)

**application areas:**

External and internal insulation of roof, ceiling and walls, internal insulation for floors, under screed, behind cladding, against soil  
 application area according german DIN 4108-10.: DAD, DAA ds, DI, DEO, WAB, WAA, WAP, WZ, WI, WTR, PW ds, PB ds

characteristics: general	performance	dimension	specification / value
product / material / composition	100	%	high-quality recycled glass
colour	grey		
characteristics: EN	performance	dimension	specification / value
Density $\pm 10\%$	130	kg/m <sup>3</sup>	EN 1602
Thermal conductivity $\lambda_D$	0,052	W/mK	EN 12667 / EN 12939
Compressive strength	600	CS(Y)	EN 13167
Bending strength	450	BS	EN 13167
Tensile strength	150	TR	EN 13167
Point load	1	PL(P)	EN 13167
Reaction to Fire	A 1	Euroclass	EN 13501-1
characteristics: national (Germany)	performance	dimension	specification / value
Calculation value for thermal conductivity	0,054	W/mK	DE: AbZ / ABg Z-23.34-2115
Nominal value for thermal conductivity	0,052	W/mK	CH: SIA 279:2018
Nominal value for compressive strength $f_{c,Nenn}$	$\geq 750$	kPa	EN 826
Calculation value for compressive strength $f_{cd}$	250	kPa	
Average compressive strength	$\geq 900$	kPa	EN 826
5 % fractile of compressive strength	$\geq 630$	kPa	
further characteristics	performance	dimension	specification / value
Specific heat	900	J/kg·K	
Thermal expansion coefficient	$9,0 \cdot 10^{-6}$	K <sup>-1</sup>	
Water vapor diffusion resistance value $\mu$	$\infty$		characteristic value = 40 000
Elasticity mod. (D = 120 mm, 2 parts 2 mm bitumen capping)	$\sim 100$	N/mm <sup>2</sup>	
German disposal key	AVV 170202		German waste directory
delivery format / Package			
thickness $\pm 2$	30, 40, 60, 80, 100, 120, 140 mm		EN 823
Length $\pm 2$	800 (600, 1200) mm		EN 822
Width $\pm 2$	600 (400, 800) mm		EN 822
Tapered	1; 1,7; 2; 2,5; 3,3; 5 %		non-standard sizes: available on request
	1:100, 1:58, 1:50, 1:40, 1:33, 1:20		
Packaging	euro-pallet		

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