



MORE REASON

TO FEEL GOOD

ECOLOGICAL HEAT
INSULATION
FOR THE PERIMETER
AREA

GEOCELL PANEL TECHNICAL DATA SHEET



GEOCELL
PANEL

EIN HOCHWERTIGES PRODUKT AUS ALTGLAS

TECHNICAL SPECIFICATIONS

GEOCELL® PANEL



one-off area high

Perimeterdämmung

perimeter insulation

Length x width [mm]	600 x 450	600 x 450	600 x 450	600 x 450
Dicke [mm]	60	80	100	120
Thickness [mm]	1,10	1,45	1,85	2,20
Pieces per pallet	56	40	32	28
Area [m ²]	15,12	10,8	8,64	7,56

Other dimensions and thicknesses on request..

TECHNICAL SPECIFICATIONS

GEOCELL® PANEL

GENERAL PROPERTIES	
Product description	GEOCELL® Panel is made of high quality glass and natural raw materials that are almost unlimited in nature. GEOCELL® is inorganic, free of ozone depleting propellants, flame retardants or binders. Without VOC or other volatile substances.
Fire Resistance (EN 13501-1)	Euroclass A1, non-flammable
Application temperature limit	-200 ° C to +500 ° C
Water vapor diffusion resistance (EN ISO 10456)	practically diffusion-tight
Hygroscopicity	No
Capillarity	No
Characteristics	Waterproof, pest-proof, high pressure resistant, acid and water resistant chemical resistant, non-combustible, vapor-proof, dimensionally stable, ecological, radon protection
PRODUCT CHARACTERISTICS ACCORDING TO EN 13167 1)	
Bulk density (± 10%) (EN 1602)	ca. 110-160 kg/m ³
Thickness (EN 823) ± 2 mm	60 - 120 mm
Length (EN 822) ± 2 mm	600 mm
Width (EN 822) ± 2 mm	450 mm
Thermal conductivity (EN ISO 10456)	0,045-0,054 W/(m·K)
Fire Resistance (EN 13501-1)	Euroclass A1, non-flammable
Point load (EN 12430)	PL ≤ 1,5 mm
Compressive strength (EN 826 Appendix A)	CS ≥ 700 kPa
Bending strength (EN 12089)	BS ≥ 500 kPa
Tensile strength (EN 1607)	TR ≥ 200 kPa
The CE mark confirms compliance with the requirements of the construction products directive CPD (Construction Product Directive) in accordance with EN 13167. All properties mentioned are regularly checked by an independent external monitoring.	

CE EN-13167

GEPRÜFTE QUALITÄT

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Andere länder:

Eine Verzeichnis lagerführender Händler finden Sie online
www.geocell-schaumglas.eu

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