

PRODUCT DATA SHEET

DELTA GLASS WALL BOARD T3+



Delta Glass Wall Board T3+ consists of T3+ slabs bonded together.

The upper side of the insulation board is lined with a PE/Glass Fleece Composite, the bottom liner is with Glass Fleece; the top side is yellow, the bottom side is white. Made to order two weeks.

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www.deltamembranes.com

01992 523 523

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BENEFITS

- Manufactured from specially graded recycled glass ($\geq 60\%$) and natural raw materials
- The insulation is totally inorganic, contains no ozone depleting propellants, flame resistant additives or binders
- Without VOC or other volatile substances
- Insulation of:
 - façades
 - cavity walls
 - belowgrade: walls
 - Interior wall and soffits

Form of delivery (content per package)

length x width [mm]	1200 x 600							
thickness [mm]	50	60	70	80	90	100	110	120
RD [m^2K/W]	1.35	1.65	1.90	2.20	2.50	2.75	3.05	3.30
units	5	4	4	3	3	3	2	2
square meter [m ²]	3.60	2.88	2.88	2.16	2.16	2.16	1.44	1.44

length x width [mm]	1200 x 600							
thickness [mm]	130	140	150	160	170	180	190	200
RD [m^2K/W]	3.60	3.85	4.15	4.40	4.7	5.0	5.25	5.55
units	2	2	2	2	14*	14*	12*	12*
square meter [m ²]	1.44	1.44	1.44	1.44	10.08	10.08	8.64	8.64

Head Office:

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Technical Data	
Density ($\pm 15\%$) (EN 1602)	100 kg/m ³
Thickness (EN 823) ± 2 mm	from 50 to 200 mm
Length (EN 822) ± 5 mm	1200 mm
Width (EN 822) ± 2 mm	600 mm
Thermal conductivity (EN ISO 10456)	$D \leq 0.036$ W/(m·K)
Reaction to fire (EN 13501-1)	Euroclass E (Core material Euroclass A1)
Point load (EN 12430)	PL ≤ 1.5 mm
Compressive strength (EN 826 annex A)	CS ≥ 500 kPa
Bending strength (EN 12089)	BS ≥ 450 kPa
Tensile strength (EN 1607)	TR ≥ 150 kPa
Compressive creep (EN 1606)	CC (1.5/1/50) 225
Service temperature limits	from -265°C to $+430^{\circ}\text{C}$
Water vapour resistance (EN ISO 10456)	$\mu = \infty$
Hygroscopicity	zero
Capillarity	zero
Melting point (cf DIN 4102-17)	>1000 C°
Thermal expansion coefficient (EN 13471)	9×10^{-6} K ⁻¹
Specific heat (EN ISO 10456)	1000 J/(kg·K)

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CHARACTERISTICS



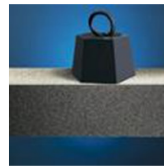
Time-tested thermal performance



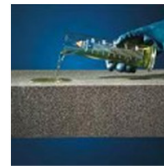
Waterproof



Resistant to attack



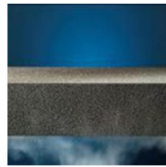
High compressive strength



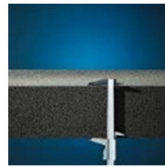
Acid resistant / chemical resistant



Non-combustible



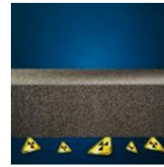
Impervious to water vapour



Dimensionally stable



Ecological



Radon protection

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