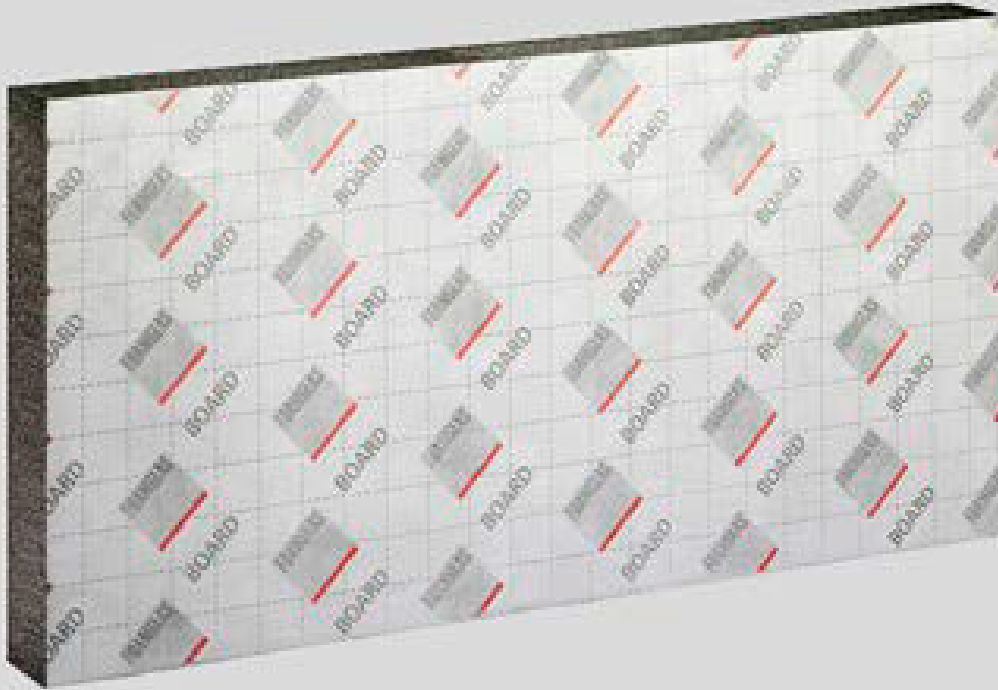


PRODUCT DATA SHEET

DELTA GLASS ROOF BOARD G2 T3+



Delta Glass Roof Board G2 T3+ consists of T3+ slabs bonded together.

The upper side and the lower side are covered with a white Glass Fleece liner. Made to order two weeks.

info@deltamembranes.com

www.deltamembranes.com

01992 523 523

PRODUCT DATA SHEET

DELTA GLASS ROOF BOARD G2 T3+



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

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 ² K/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 metre [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 ² K/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 metre [m ²]	1.44	1.44	1.44	1.44	10.08	10.08	8.64	8.64

Head Office:

Delta House, Merlin Way, North Weald, Epping, Essex, CM16 6HR

01992 523 523 | info@deltamembranes.com | www.deltamembranes.com

DMSPDS2019

PRODUCT DATA SHEET

DELTA GLASS ROOF BOARD G2 T3+

Technical Data

Reaction to fire (EN 13501-1)	Core material complying with Euroclass A1, non-combustible, no toxic fumes
Service temperature limits	: from -265°C to +430°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)	: $9 \times 10^{-6} \text{ K}^{-1}$
Specific heat (EN ISO 10456)	: 1000 J/(kg·K)
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)	: $D \leq 0.036 \text{ W}/(\text{m}\cdot\text{K})$
Reaction to fire (EN 13501-1)	: Euroclass E (Core material Euroclass A1)
Point load (EN 12430)	: $PL \leq 1.5 \text{ mm}$
Compressive strength (EN 826 annexe A)	: $CS \geq 500 \text{ kPa}$
Bending strength (EN 12089)	: $BS \geq 450 \text{ kPa}$
Tensile strength (EN 1607)	: $TR \geq 150 \text{ kPa}$
Compressive creep (EN 1606)	: $CC (1.5/1/50) 225$

Head Office:

Delta House, Merlin Way, North Weald, Epping, Essex, CM16 6HR
 01992 523 523 | info@deltamembranes.com | www.deltamembranes.com

DMSPDS2019

PRODUCT DATA SHEET

DELTA GLASS ROOF BOARD G2 T3+

APPLICATION

1. Can be used as a single layer or as a first layer in a two layer insulation system. Glass fleece liner allows the adhering of a second layer. Glass fleece liner can receive a mechanically fixed or adhered waterproofing (ex. TPO, PVC or bituminous membrane):

- On concrete: first or only layer in flat roof applications by cold bonding.
- On steel deck: first or only layer in flat roof applications by cold bonding.

2. Can be used as a top layer in a one or two layer system to receive a mechanically fixed or adhered waterproofing (ex. TPO, PVC or Bituminous membrane).

First layer in a two layer insulation system. Glass fleece liner allows the adhering of a second Delta Glass layer:

- flat roofs (cold bonding on concrete).
- second layer can be adhered with cold bonding.

Second layer can be DELTA GLASS ROOF BOARD G2 or ROOF BLOCK G1, DELTA GLASS READY BOARD, DELTA GLASS READY BLOCK. This second layer can be adhered with cold bonding.

CHARACTERISTICS



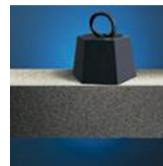
Time-tested thermal performance



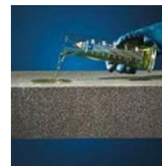
Waterproof



Resistant to attack



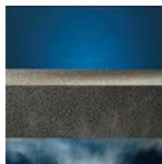
High compressive strength



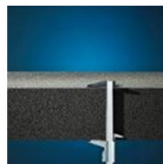
Acid resistant / chemical resistant



Non-combustible



Impervious to water vapour



Dimensionally stable



Ecological



Radon protection

Head Office:

Delta House, Merlin Way, North Weald, Epping, Essex, CM16 6HR

01992 523 523 | info@deltamembranes.com | www.deltamembranes.com

DMSPDS2019