

1. Basic information

GELTEC S750 GEO is an elastomeric board made from a mixture of SBR rubber granulate and polyurethane binder. The elastomeric board is provided with a geotextile film on the upper part.

Advantages:

- Protects existing roofing
- Allows drainage
- Easy assembly
- Frost-resistant
- Recyclable

2. Technical parameters

Standard unformatted dimensions are 2300 x 1150 or 2000 x 1000 mm in thicknesses of 3-60 mm. Different dimensions can be produced from this standard size (e.g. 100 x 100 mm, 150 x 150 mm, 200 x 200 mm...) in a thickness of 3-40 mm.

Technical data

Parameter	value
Volumetric weight of the plate	750 kg/ m ³
Tensile strength	0.5 MPa
Ductility	56%
Long-term temperature stability	From -30 ° C to +80 ° C
Length tolerance (0 – 300 mm)	± 3 mm
Length tolerance (300 mm – 1500 mm)	± 1%
Length tolerance (1500 mm and more)	± 15 mm
Plate volume tolerance	± 40 kg/m ³
Volume tolerance of the board for an area ≤ 0.25m ²	± 60 kg/m ³
Thickness tolerance (3 – 4 mm)	± 0.6 mm
Thickness tolerance (4.1 – 6 mm)	± 0.5 mm
Thickness tolerance (6.1 – 10 mm)	± 0.6 mm
Thickness tolerance (10.1 – 25 mm)	± 0.8 mm
Thickness tolerance (25.1 - 40 mm)	± 1.0 mm
Thickness tolerance (40.1 - 60 mm)	± 1.5 mm
Reaction to fire according to ČSN EN 13501-1 + A1	E _{fl}

The uniform color of GEL TEC S750 GEO boards is not guaranteed, but it does not affect the technical parameters.

3. Technical parameters of GEOTEXTILE

Technical parameters

Parameter	Test method	Value
Weight per unit area	EN 13859-1	135 g/m ² (+/-5%)
Thickness	EN 1849-2	0.4mm (+/-15%)
Tensile strength	EN 13859-1	MD: 190 +/-15% N/5 cm MD: 150 +/-15% N/5 cm
Extension	EN 13859-1	MD: 75-95% CD: 80-100%
UV stability		3 months

4. Packaging and storage

GELTEC S750 GEO elastomeric plates are stored on a wooden pallet, wrapped in opaque stretch film. The number of boards on one pallet depends on the thickness and size. The maximum weight of one pallet is 1,500 kg.

GELTEC S750 GEO elastomeric plates can be stored at temperatures between -20 and +40 °C. During storage, it must be protected from rain, snow and adverse weather conditions.

5. Guarantee

The warranty for GELTEC S750 GEO products is 24 months.

6. Document validity

The information given is valid at the time of publication of the technical sheet, based on objective testing and the manufacturer's own experience.

The manufacturer reserves the right to change these data.

Changes can be agreed with the customer in a supplementary contract or other agreed document.

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