

1. Basic information

GELTEC is an elastomeric board made from a mixture of SBR rubber granulate, rubber crumb and polyurethane binder.

Use:

- universal damping, noise and anti-vibration plates
- elastomeric mats, undergravel mats
- base, expansion, dividing and anti-slip boards
- rubber mat for sports systems in halls and gyms
- insulation of buildings, roads, pillars and beams, installation of industrial machines
- shooting range lining
- their properties significantly increase the resistance of building structures to stress and shock

2. Technical parameters

The standard unformatted size is 2,000 x 1,000 mm. Products can be supplied in sizes 1,000 x 1,000 mm and 1,000 x 500 mm.

Basic variants of GELTEC FS700:

Code	Name	Weight (kg)
HD4-03-7700-00-700	GELTEC FS700 2000 x 1000 x 3	4.2
HD4-06-7700-00-700	GELTEC FS700 2000 x 1000 x 6	8.4
HD4-08-7700-00-700	GELTEC FS700 2000 x 1000 x 8	11.2
HD4-10-7700-00-700	GELTEC FS700 2000 x 1000 x 10	14.0
HD4-12.5-7700-00-700	GELTEC FS700 2000 x 1000 x 12.5	17.5
HD4-15-7700-00-700	GELTEC FS700 2000 x 1000 x 15	21.0
HD4-20-7700-00-700	GELTEC FS700 2000 x 1000 x 20	28.0
HD4-25-7700-00-700	GELTEC FS700 2000 x 1000 x 25	35.0
HD4-30-7700-00-700	GELTEC FS700 2000 x 1000 x 30	42.0
HD4-40-7700-00-700	GELTEC FS700 2000 x 1000 x 40	56.0
HD4-50-7700-00-700	GELTEC FS700 2000 x 1000 x 50	70.0
HD4-60-7700-00-700	GELTEC FS700 2000 x 1000 x 60	84.0

Technical data

Parameter	Value
Density of the board	700 kg/ m ³
Long-term temperature stability	From -30 ° C to +80 ° C
Length tolerance (0 – 300 mm)	± 3mm
Length tolerance (300 mm and more)	± 1%
Board volume tolerance	± 40 kg/ m ³
Board volume tolerance for area ≤ 0.25m ²	± 60 kg/ m ³
Thickness tolerance (3 – 4 mm)	± 0.6mm
Thickness tolerance (4.1 – 6 mm)	± 0.5mm
Thickness tolerance (6.1 – 10 mm)	± 0.6mm
Thickness tolerance (10.1 – 25 mm)	± 0.8mm
Thickness tolerance (25.1 - 40 mm)	± 1.0mm
Thickness tolerance (40.1 - 60 mm)	± 1.5mm
Reaction to fire according to ČSN EN 13501-1 + A1	E _{fl}

The uniform color of GELTEC boards is not guaranteed, but it does not affect the technical parameters.

3. Packaging and storage

The boards are stored on wooden pallets, wrapped in opaque stretch foil. The number of pieces on a pallet is determined by the thickness of the individual boards, the maximum weight on a pallet is 1,500 kg.

The boards can be stored at temperatures of -20 to +40 °C; during storage, the boards must be protected from rain and snow.

4. Guarantee

The warranty on GELTEC FS700 products is 24 months.

5. Document validity

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

The manufacturer reserves the right to change this information.

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

In Uherský Brod on January 22, 2024

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