

TECHNICAL DATA SHEET

GELTRAM 500 50-50 GEO

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Basic Information
<p>GELTRAM is an elastomeric board made from a blend of recycled rubber granulate and SBR1 rubber shavings, bonded with hot-applied polyurethane adhesive. The board is equipped with a geotextile film. The railway anti-vibration board is supplied in thicknesses from 15 to 50 mm and with a bulk density of 500 kg/m³.</p> <p>Length and width are specified according to the project.</p> <p>Boards can be produced using two different technologies (continuous press line or single-mold pressing). The main differences lie in the cutting precision and visual appearance, which do not affect functionality.</p>

Intended Use
Anti-vibration boards are used for vibration isolation in tram, metro, train, and similar structures.

Properties								
Standard size: 2000 x 1200 mm.								
Boards can be produced in custom dimensions according to customer requirements.								
Parametr	Unit	GELTRAM 500						Tolerance
Thickness	mm	15	20	25	30	40	50	± 1 mm
Length	m	up to 2,3						± 15 mm
Width	m	up to 1,2						± 10 mm
Diagonal > 1200 mm								± 25 mm
Diagonal ≤ 1200 mm								± 15 mm
Bulk density ¹	kg/m ³	500						± 90 kg/m ³
Geotextile fabric weight	g/m ²	135						± 5 %

¹ The bulk density is given without the geotextile film.

UV stability of fabric		Max. 3 months	
Fabric thickness	mm	0,40	± 15 %
Color		Black /Blue	

Certification
Quality management system according to ISO 9001.

Additional Information	
Packaging and Storage	Boards are placed on wooden pallets and wrapped in opaque stretch film. The number of pieces per pallet depends on board thickness; maximum pallet weight is 1,500 kg. Boards may be stored at temperatures between -20°C and +40°C and must be protected from rain and snow. Stacking pallets is not recommended. If necessary during transport, short-term stacking is allowed.
Health and Safety	The product meets hygiene standards for its intended use as described in this data sheet.
Installation Conditions	Anti-vibration boards must be installed within 3 months from the delivery date.
Warranty	The product warranty is 24 months.

The provided information is valid as of the issue date of this technical sheet. It is based on objective testing and the manufacturer's own experience.

The manufacturer reserves the right to change these details.

Changes may be agreed upon with the customer in a supplementary contract or another approved document.