

TECHNICAL SHEET

GELTRAM 600 50-50 GEO

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Basic information
<p>GELTRAM is an elastomeric mat made from mixture of recycled rubber granulate and rubber fibre¹, bonded with a hot melt polyurethane binder. The mat is coated with a geotextile.</p> <p>The railway anti-vibration mat is available in thicknesses from 15 to 50 mm and a density of 600 kg/ m³. The length and width is according to the project specification.</p> <p>The mats can be produced by two different methods of technology (continuous pressing line or pressing on single production mould). The difference is mainly in the precision of the cut mats and the visual differences, which have no effect on the functionality.</p>

Intended use
Anti-vibration mats are used to isolate vibrations in trams, subways, trains and similar structures.

Features								
The standard size is 2000x1200 mm. The mats can be made to customer's dimensions.								
Parameter	Unit	GELTRAM 600						Tolerance
Thickness	mm	15	20	25	30	40	50	± 1 mm
Length	m	do 2,3						± 15 mm
Width	m	do 1,2						± 10 mm
Diagonal for lengths over 1200 mm								± 25 mm
Diagonal for lengths up to 1200 mm								± 15 mm

¹ Rubber granulate is a product made from recycled rubber and is produced as a primary product of tyre recycling. The purity of the input material is 99% (minor impurities may occur).

Volume weight ²	kg/m ³	600	± 40 kg/m ³
TNT grammage	g/m ²	135	± 5 %
UV stability of TNT		Max. 3 months	
Thickness of TNT	mm	0,40	± 15 %
Colour		Black/blue	

Certification
Quality management system according to ISO 9001.

Additional information	
Packaging and storage	The mats are stored on wooden pallets, wrapped with stretch foil. The number of pieces per pallet is determined by the thickness of the individual mats, the maximum weight per pallet is 1 500 kg. The mats can be stored at temperatures from -20 to +40 °C, the mats must be protected from rain and snow during storage. It is not recommended to stack pallets. Stacking of pallets is only possible for the necessary transport time.
Health and safety	The product complies with the hygiene criteria for the intended use as specified in this datasheet.
Conditions for installation	Anti-vibration mats must be installed within 3 months from the date of delivery.
Warranty	The product warranty is 24 months.

The information given is valid at the time of issue of the technical data 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.

² The volumetric weight is stated without the weight of the geotextile foil.