



# TECHNICAL DATA SHEET

## GEZOFLEX eco

Grain size 1.0 - 4.0 mm



### > 90 % sustainable raw materials – 0 % performance loss

GEZOFLEX eco is the first sustainable EPDM granule for sports and leisure flooring. What makes it special is its composition with a proportion of > 90 % sustainable raw materials. The sulphur cross-linked material is based on a sustainable EPDM rubber (Ethylene Propylene Diene Terpolymer) together with sustainable compound additives of highest quality. Typical applications are athletic tracks and multisport surfaces, playground safety surfaces, prefabricated slabs and rolled goods for various surfacing solutions. The granules can be processed like any conventional EPDM granules with a one or two component polyurethane binder or coating.

### Color range

GEZOFLEX eco is available in the colors 062 Red, 064 Blue and 067 Green. Other colors on request.

### Available grain sizes

GEZOFLEX eco is primarily available in a grain size of 1.0 - 4.0 mm. Other grain sizes on request.

### Packaging

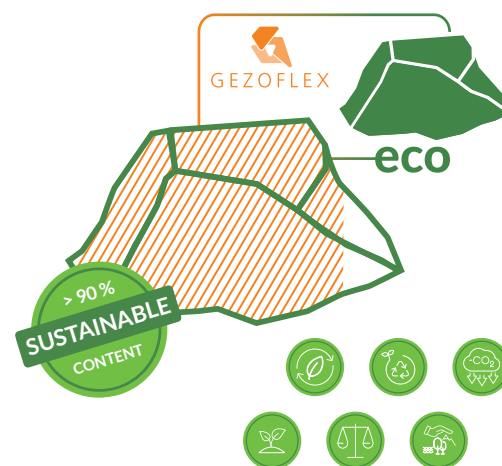
25 kg PE-bags, on a 1'000 kg one-way wooden pallet (40 bags). Alternatively available on demand in 1'000 kg big bags.

### Storage / handling

Keep material dry at all times and out of direct UV radiation while stored. Please respect all further product information before using this product. In order to compensate for minor color deviations (due to natural ingredients), it is recommended to mix material from different batches with one another during installation.

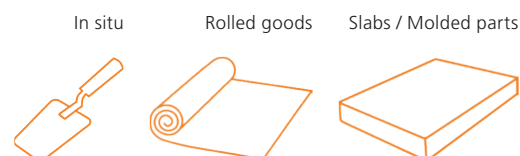
### Quality and environmental management

GEZOLAN is certified in quality and environmental management for the „Development and production of rubber granules and trade in elastic flooring systems made of rubber“ in accordance with the requirements of ISO 9001:2015 (quality management system) and ISO 14001:2015 (environmental management system).



### Typical types of flooring







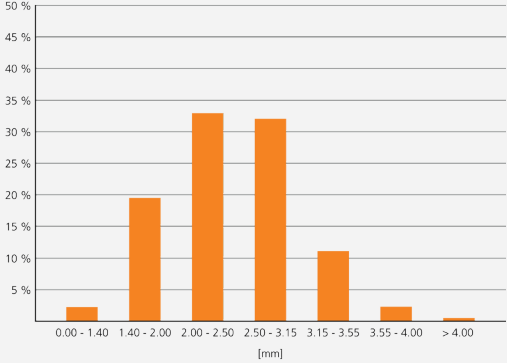
GEZOFLEX eco is ideally suited for use in the following types of flooring:



### Typical fields of application



## Product properties

General properties	Typical value
Raw material composition	> 90 % sustainable raw materials
Sustainable properties of raw materials used	 Biogen  Renewable  Negative CO <sub>2</sub> emissions
	 Biobased  Mass balanced  Careful extraction methods
Base polymer	Sustainable EPDM (Ethylene Propylene Diene Terpolymer)
Polymer content	> 20 % (sustainable EPDM as the only polymer)
Grain shape	Angular cut
Grain size	1.0 - 4.0 mm <sup>1</sup>
Grain size distribution	

<sup>1</sup> other grain sizes on request

Physical properties	Test method	Typical value
Tensile strength	DIN 53504	> 5 MPa
Elongation at break	DIN 53504	> 800 %
Hardness	DIN ISO 7619-1	65 ± 5 Shore A
Density	DIN EN 1183-1	1,6 g/cm <sup>3</sup>
Bulk density	DIN EN ISO 60	630 g/l

Environmental and health properties	Requirement	Pass
Polycyclic aromatic hydrocarbons (PAHs)	REACH Reg. (EC) 1907/2006, Annex XVII entry 50	✓
	AfPS GS 2019:01 Cat. 1	✓
Migration of certain elements	EN 71-3 Safety of toys	✓
Heavy metal leaching	DIN 18035-6 / DIN 18035-7	✓

### Disclaimer

The data included in this document are indicative values subject to manufacturing tolerances. It remains the duty of the user to check the suitability of the product for its intended use and to ensure that the goods are suitable in terms of shape and quality for the intended purpose. The available data support the user in deciding whether the products are suitable for the intended purpose. We warrant that our products will meet the written specifications within the tolerances indicated.