

General instructions for working with GECON materials



GreenCon International, s. r. o.

Company headquarters

Rajská 7, 811 08 Bratislava
Slovakia

Office Bratislava

Chemická 1, 831 04 Bratislava
Slovakia

▪ info@greencon.sk
▪ +421 903 427 495

General instructions for working with GECON materials

Conditions for storage and assembly

GECON materials can be applied both indoors and outdoors, but must not be exposed to the direct influence of weather conditions (rain, snow...). It is necessary to protect them in the outdoor areas with a surface treatment (plaster, tiling...). The boards must be stored indoors with a constant temperature (minimum temperate storage) and optimally with an air humidity in the range of 40-60%. The boards must be stored horizontally.

Acclimatization

Before the actual application, it is recommended to acclimatize the GECON boards at the place of laying or assembly for at least 24 hours. This will prevent unwanted expansion changes.

Sunlight

It is recommended that GECON boards shall not be exposed to direct sunlight during storage and application.

Background

The substrate for the application of GECON boards must always be load-bearing, dry and solid and, as far as possible, free from unevenness and dirt.

Substrate moisture control

Before storing GECON boards, it is recommended to measure the moisture content of the substrate by the carbide (CM) method. Substrate moisture should not exceed the following values:

BACKGROUND	MAXIMUM HUMIDITY
cement screed	2,0 %
cement screed with underfloor heating	1,8 %
anhydride	0,5 %
anhydride with underfloor heating	0,3 %

Wooden bases

Before placing GECON boards on wooden floors, their construction condition must be checked (e.g. screwed loose boards...). The substrate must be solid and must not spring. Pay attention to the flatness.

Outdoor application

GECON boards are resistant to moisture but must not be exposed to the direct influence of weather conditions (rain, snow...). It is necessary to protect them in the outdoor areas with a surface treatment (plaster, tiling...)

Documentation

Storage conditions and application conditions of GECON's own laying of materials at the place must be properly tested and documented before the start of their application in the event that any customer rights under the warranty are exercised. In the event of non-compliance with these general instructions or missing documentation within the meaning of this provision, it is not possible to assess the legitimacy of the complaint and GreenCon, Ltd cannot assume any warranties.

Expansion gaps

Expansion gaps are recommended to be 3 mm between the individual GECON boards

Floating or gluing

Depending on the required floor covering, GECON boards can be laid either by floating or by full-surface gluing to the substrate. For floating floors with a click system, GECON boards are to be laid in a floating way. For glued coverings, it is recommended to glue GECON boards to the substrate over the entire surface, or to lay them in two layers and glue them to each other.

Laying in two layers

When laying GECON boards in two layers, we place the boards in a cross pattern.

Board trimming (formatting)

Shorten the boards on a horizontal, stable surface. You can format with any tool suitable for wood (straight saw, circular saw, etc. with a sharpened blade or cutting edge). Wear protective equipment.

Rooms with high humidity

In rooms with high air humidity above 60%, it is recommended to paint GECON boards with penetration paint. In bathrooms, it is recommended to create a layer of waterproofing film and seal the system perfectly.

Insulation layers under GECON boards

If GECON boards are placed on an insulating layer, e.g. soft wood-fibre boards, it is recommended to pay attention to the compressive strength of the insulation material, when at least the following values should be observed:

THICKNESS OF INSULATION LAYER	COMPRESSIVE STRENGTH
≤ 20 mm	100 kPa
> 20 mm do 60 mm	200 kPa

Relation to the General Terms and Conditions

At the moment of publicizing the general business regulations and practices for working with GECON materials on internet web-page www.greencon.sk these become the conditions for manipulation with goods in terms of The General Business Trading conditions for goods supplies of **GreenCon Ltd.**