
NEW NORMAL

1. Recycled Content

- a. 53% Overall recycled content
- b. Yarn
8% PA Space Dyed + 92% Polyolefine
- c. Primary Backing
Colback SMR is produced out 100% post-consumer recycled PET, originated from bottle scrap.
- d. Secondary Backing – back2back
The waste from the tile cutting process is shredded and added to the secondary backing, giving it a 10% post-industrial recycled content.
- e. Recycled limestone in the backing
The filler used for the production of our carpet tiles is 100% post-industrial recycled, diverted from a waste stream of the limestone mining.

2. Manufacturing

- a. Renewable energy
49% of our energy consumption is electricity. The electricity that we use at modulyss is 100% 'green electricity' generated from renewable resources such as our own solar panels.
- b. Production site & process
modulyss runs an integrated production chain: from tufting to the packaging of the finished tile.
ISO certification
Our production site is ISO-9001 certified (Quality Management) since 2000 and ISO-14001 certified (Environmental Management) since 2009.
modulyss also works in accordance with ISO26000 and publishes a Corporate Social Responsibility report in line with the guidelines of the Global Reporting Initiative (GRI), the international standard for sustainability reporting, and the UN's Sustainable Development Goals (SDGs).
Recycling raw yarns
All the left over and waste yarns are collected and recycled.
Ecological Packaging
We only use cardboard boxes that are made of 100% recycled material.
- c. Sustainability report
Read all about our approach to the environment in our sustainability report 2016: <http://www.modulyss.com/ebook/mvo/>

3. Installation

a. Adhesive

modulyss® advises to use a solvent-free, easy release system with very low emissions.

b. Installation waste

In a rectangular building, installed before walls, using our installation descriptions the waste for carpet tiles is 3-4%. In comparison for broadloom the waste during installation rises till +/- 10%. More information can be found in our installation instructions.

4. End of Life

a. Re-use

At the end of life, after cleaning, carpet tiles can be re-used in non-critical areas, to extend the product life.

b. Recycling

Carpet tiles can be used as raw material for the backing of new carpet tiles in our back2back program.

c. CARE

Partnership modulyss®/Vanheede Environment Group in which carpet tiles are converted into secondary fuel to reduce CO₂ emissions significantly. The minerals are extracted from the carpet tiles and recycled into raw material for the cement production industry, which results in ± 50% recycling of our carpet tiles.

5. Voc's & Chemical Substances

This product fulfills the testing criteria for emissions of:

a. GUT (DE)

Gemeinschaft Umweltfreundlicher Teppichboden
TVOC₂₈ < 100 µg/m³

This product meets the GUT-criteria, GUT-license number 22555. These criteria include VOC thresholds, odour and chemical substances.

b. REACH (EU)

modulyss® complies with the strict European REACH standards.

6. Compliance to Green Building Certifications

a. BRE Global (UK)

Building Research Establishment

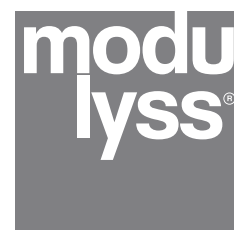
This product can contribute towards credits in:

Hea 05 – Acoustic performance

To ensure the buildings' acoustic performance including sound insulation meet the appropriate standards for its purpose. This product is highly sound-absorbent. It reduces contact noise by 26 decibels (ΔL_w - ISO 10140) and has an absorption coefficient of 0.20 (ISO 354).

MAT 5 – Designing for Robustness

To recognise and encourage adequate protection of exposed elements of the building and landscape, therefore minimising the frequency of replacement and maximising materials optimisation. This product satisfies the requirements of EN1307 classification, class 31 - LC1 for intensive use in a contract environment.



b. LEED (US and international)

Leadership in Energy and Environmental Design

modulyss products can contribute to the following LEED v4 credits:

MR credit: Building product disclosure and optimization - Sourcing of raw materials
MR4 Post-Industrial recycled content: 51%
MR4 Post-Consumer recycled content: 2%

Products are not reviewed under LEED, LEED credit requirements cover the performance of materials in aggregate, not the performance of individual products of brands. For more information on LEED, visit www.usgbc.org/contact

7. Health & Comfort**a. Solvent-free Bitume**

For the bitumebacking we only use bitumen that is not oxidized and is solvent-free.

b. No heavy metals

modulyss® carpet tiles are free of heavy metals and other harmful substances, such as lead, mercury or chromium.

c. Odour

modulyss® carpet tiles are free from odours (see GUT certification program)

d. Acoustics

This product is strongly sound absorbent. It reduces the contact noise by 26 decibels (ΔL_w - ISO10140), with a perfect acoustic effect as result.

