
NORMAL

1. Recycled Content

- a. 8 % Overall recycled content
- b. Yarn
 - 100% 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.

2. Production site

modulyss® only has one production site (Zelee, Belgium), which makes it possible for us to reduce internal transportation and limits our CO₂ emissions drastically.

- a. Our production site is ISO-9001 (Quality Management) certified since 2000 and ISO-14001 (Environmental Management) since 2009.
- b. modulyss® works in accordance with ISO26000, Corporate Social Responsibility.

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%.

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 drastically.

5. Emissions

This product fulfills the testing criteria for emissions of:

- a. GUT (DE)
Gemeinschaft Umweltfreundlicher Teppichboden
TVOC28 < 100 µg/m³
- b. DIBT (DE)
Deutsche Institute für BauTechnik
TVOC28 < 1,0 mg/m³

6. Compliance to Green Building Certifications

- a. HQE (FR)
Haute Qualité Environnementale
In 2005 modulyss® received the HQE-certificate by the FDES in accordance to the norm NF P01-010.
- b. DIBT (DE)
Deutsche Institute für BauTechnik
This product is DIBT-certified, Abz-nummer Z-156.601-566.
- c. GUT (DE)
Gemeinschaft Umweltfreundlicher, Teppichboden
This product meets the GUT-criteria, GUT-license number 22555.
- d. REACH (EU)
modulyss® complies with the strict European REACH standards.

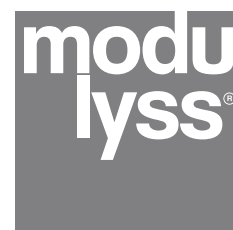
7. Green Energy

The electricity that we use at modulyss® is 100% 'green electricity' generated from renewable sources:

- a. 14% of our consumption is, since February 2010, covered by our own Solar Panels on site-roof.
- b. The remaining 86% of the energy consumption is 100% Green Energy Purchase

8. Production Process

- a. H₂O
modulyss® reduced the water consumption for the carpet tile production with 44% since 2008.
- b. Electricity savings
Through a variety of measures, we have succeeded in reducing our electricity consumption by 41% in only 2 years.
- c. Gas
Through intensive investments, we have reduced our own consumption of natural gas by 50%.
- d. Steam
Through the optimization of our processes, the volume of steam needed is reduced till half.
- e. Recycling raw yarns
All the remainder and waste yarns are collected and recycled into new yarns.
- f. Ecological Packaging
We only use cardboard boxes that are made of 100% recycled material.
- g. Waste reduction
In 2008, we reduced the volume of yarns and cut-waste by 25%.



9. 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 39 decibels (ISO354), with a perfect acoustic effect as result.

10. Light Reflectance Values

COLOR	ρ %
155	15,7
822	6,8
528	6,9
541	5,8
915	16,3
942	6,9