



COMMERCIAL

Clay

Sustainability data sheet

Made in Belgium from performance solution dyed nylon, Clay complies with all requirements of EN1307: Textile Floorcoverings classification.

Manufacturing location:	IVC Group, Moeskroen, Belgium
Site accreditations:	ISO 14001; ISO 9001

1. Recycled Content

a. Overall recycled content:	43% post industrial waste
b. Pile material:	100% solution dyed nylon
c. Recycled content yarn:	0%
e. Secondary backing:	EcoFlex™ Statera - modified Bitumen
f. Recycled limestone in the backing:	70% recycled limestone in the backing

2. Manufacturing

a. Renewable energy:	- Through our windmill, solar operations and selective energy sourcing, IVC aims to achieve 100% renewable energy for all our processes and transportation activities.
b. Production site & process:	- The entire product from tuft to finished carpet tile is made on the same manufacturing site. - Our manufacturing site is ISO14001 and ISO 9001 certified. - All surplus and waste yarns are collected and recycled. - We only use cardboard made from 100% recycled material.
c. Sustainability White Paper:	- Read about our sustainability journey and our future objectives for the future in our sustainability white paper: www.ivc-commercial.com/en/meet-ivc/smartsustainability

3. End of life

a. Re-use:	End of life carpet tiles can be re-used, after cleaning, in non-critical areas, to extend the product life.
b. Recover:	At end of life carpet tiles can be recycled into new raw materials and secondary fuel.

4. Carbon Footprint

a. EPD declaration number:	EPD-IVC-20220243-CBB1-EN
b. Embodied Carbon:	8,77 kg CO ₂ -Eq.

5. Emissions and Chemical Substances

a. CRI:	Compliant to the requirement of Green label plus GLP 100161.
b. GUT:	The product meets the GUT-criteria These criteria include VOC thresholds, odour and chemical substances.
c. REACH:	IVC Commercial carpet tiles comply with the European REACH standard.



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6. Health & Wellbeing

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| a. Acoustics: | Clay will strongly support the end user with improved acoustic ratings. Reducing the impact sound reduction with 28dB (ΔL_w - ISO 10140) and increasing the sound absorption with 0,15 α_w (EN ISO 354).

Available on EcoFlex™ Echo for superior acoustic insulation, sound absorption and underfoot comfort. |
| b. Odour | IVC Commercial carpet tiles are free from odours (see GUT certificate). |
| c. No heavy metals: | IVC Commercial carpet tiles are free of heavy metals and other harmful substances, such as lead, mercury or chromium. |

7. Installation

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| a. Adhesive: | IVC Commercial advises to a use solvent-free, easy release system with very low emissions. |
| b. FlexLok | FlexLok enables you to install carpet tiles without using any adhesive. These adhesive tabs can be installed on any sound substrate. |

8. Contribution to Green Building Schemes

IVC Carpet tiles can contribute towards credits/points of the following green building schemes. Contact your IVC Commercial Project Advisor to go into the specifics on how IVC can contribute in each these individual Green Building Schemes.

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| a. BREEAM (UK): | b. LEED v4 (Int.): |
| Man 02: Life cycle cost and service life planning | EA credit: Optimize energy performance |
| Man 03: Responsible construction practices | MR credit: Building life-cycle impact reduction |
| Man 04: Commissioning and handover | MR credit: Building product disclosure and optimisation - Environmental Product Declarations |
| Hea 02: Indoor air quality | MR credit: Building product disclosure and optimisation - Sourcing of raw materials |
| Hea 04: Thermal comfort | MR credit: Building product disclosure and optimisation - Material ingredients |
| Hea 05: Acoustic Performance | MR credit: Construction and demolition waste management |
| Ene 01: Reduction of energy use and carbon emissions | EQ credit: Low emitting materials |
| Mat 01: Life cycle impacts | EQ credit: Indoor air quality assessment |
| Mat 03: Responsible sourcing of construction products | EQ credit: Acoustic performance |
| Mat 05: Designing for durability and resilience | |
| Wst 04: Speculative finishes | |
| Wst 06: Functional adaptability | |

c. WELL (Int.):

A05 credit: Enhanced Air Quality
 W07 credit: Moisture management
 T01 credit: Thermal performance
 T02 credit: Enhanced thermal performance
 T03 credit: Radiant thermal comfort
 S01 credit: Sound mapping
 S02 credit: Maximum noise levels
 S04 credit: Sound absorption
 S05 credit: Sound masking
 S06 credit: Impact noise management
 X01 credit: Fundamental material precautions
 X09 credit: Cleaning products and protocol
 X10 credit: Volatile compound reduction
 X11 credit: Long-term emission control
 X12 credit: Short-term emission control
 X13 credit: Enhanced material precaution
 X14 credit: Material transparency
 M02 credit: Access to nature
 M07 credit: Restorative spaces
 C14 credit: Bathroom accommodations
 I05 credit: Green building rating system

d. DGNB (Int.)

ENV1.1: Building life cycle assessment (LCA)
 ENV1.2: Local environmental impact
 ENV1.3: Sustainable resource extraction
 ECO1.1: Life cycle cost (LCC)
 SOC1.2: Indoor air quality (IAQ)
 SOC1.3: Acoustic comfort
 TEC1.2: Sound insulation
 TEC1.5: Ease of cleaning building components
 TEC1.6: Ease of recovery and recycling
 PRO1.5: Documentation for sustainable management