



COMMERCIAL

# Metallic Clay

## Sustainability data sheet

Made in Belgium from performance solution dyed nylon, Metallic 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 content 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: <a href="http://www.ivc-commercial.com/en/meet-ivc/smartsustainability">www.ivc-commercial.com/en/meet-ivc/smartsustainability</a>

### 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 <sub>2</sub> -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. GUT number: 9ADE6ED5
c. REACH:	IVC Commercial carpet tiles comply with the European REACH standard.



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### 6. Health & Wellbeing

- |                     |   |
|---------------------|---|
| a. Acoustics:       | Metallic Clay will strongly support the end user with improved acoustic ratings. Reducing the impact sound reduction with 26dB ( $\Delta L_w$ - ISO 10140) and increasing the sound absorption with 0,20 $\alpha_w$ (EN ISO 354).<br><br>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

- |              |  |
|--------------|--|
| 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.

#### a. BREEAM (UK):

Man 02: Life cycle cost and service life planning

Man 03: Responsible construction practices

Man 04: Commissioning and handover

Hea 02: Indoor air quality

Hea 04: Thermal comfort

Hea 05: Acoustic Performance

Ene 01: Reduction of energy use and carbon emissions

Mat 01: Life cycle impacts

Mat 03: Responsible sourcing of construction products

Mat 05: Designing for durability and resilience

Wst 04: Speculative finishes

Wst 06: Functional adaptability

#### b. LEED v4 (Int.):

EA credit: Optimize energy performance

MR credit: Building life-cycle impact reduction

MR credit: Building product disclosure and optimisation -  
Environmental Product Declarations

MR credit: Building product disclosure and optimisation -  
Sourcing of raw materials

MR credit: Building product disclosure and optimisation -  
Material ingredients

MR credit: Construction and demolition waste



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management

EQ credit: Low emitting materials

EQ credit: Indoor air quality assessment

EQ credit: Acoustic performance

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

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