



Rupture

Sustainability data sheet

Made in Belgium from 100% regenerated nylon, the Imperfection collection 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:	59,5 % post & Pre-Consumer waste
b. Pile material:	100% ECONYL® regenerated nylon
c. Recycled content yarn:	100%
e. Secondary backing:	EcoFlex™ Echo
f. Recycled limestone in the backing:	94% recycled PES Felt

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-20220245-CBB1-EN
b. Embodied Carbon:	4,60 kg CO ₂ Eq.

5. Emissions and Chemical Substances

a. GUT:	The product meets the GUT-criteria These criteria include VOC thresholds, odour and chemical substances.
b. REACH:	IVC Commercial carpet tiles comply with the European REACH standard.



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6. Health & Wellbeing

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| a. Acoustics: | Rupture will strongly support the end user with improved acoustic ratings. Reducing the impact sound reduction with 30dB (ΔL_w - ISO 10140) and increasing the sound absorption with 0,30 α_w (EN ISO 354). |
| b. Comfort: | Rupture allows for 25,2% of shock absorption according to the Artificial Athlete (EN 14808). |
| c. Odour | IVC Commercial carpet tiles are free from odours (see GUT certificate). |
| d. 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. |
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8. Contribution to Green Building Schemes

IVC Carpet Tiles can contribute towards credits / points of Green Building Schemes. Contact your IVC Commercial Project Advisor to discuss details on this, in relation to the below 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 management
EQ credit: Low emitting materials
EQ credit: Indoor air quality assessment
EQ credit: Acoustic performance



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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