



COMMERCIAL

# Expansion Point

## Sustainability data sheet

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

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

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### 1. Recycled Content

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a. Overall recycled content: 44% 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

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### 2. Manufacturing

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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](http://www.ivc-commercial.com/en/meet-ivc/smartsustainability)

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### 3. End of life

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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.

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### 4. Carbon Footprint

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a. EPD declaration number: EPD-IVC-20220243-CBB1-EN  
b. Embodied Carbon: 8,16 kg CO<sub>2</sub> Eq.

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### 5. Emissions and Chemical Substances

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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: F6619831.

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:       | Expansion Point will strongly support the end user with improved acoustic ratings. Reducing the impact sound reduction with 27dB ( $\Delta L_w$ - ISO 10140) and increasing the sound absorption with 0,15 $\alpha_w$ (EN ISO 354).<br><br>Optionally 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.  |

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### 7. Installation

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| a. Adhesive: | IVC Commercial advises to use a 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. |

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### 8. Contribution to Green Building Schemes

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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