



Balanced Hues

Sustainability data sheet

Made in Belgium from performance solution dyed nylon, Balanced Hues 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:	48% post industrial waste
b. Pile material:	100% solution dyed nylon
c. Recycled content yarn:	40%
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:	10.0 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. GUT number: FA52FF8B.
c. REACH:	IVC Commercial carpet tiles comply with the European REACH standard.



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6. Health & Wellbeing

- a. Acoustics: Balanced Hues 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 0,20 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

- 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.

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