

# Essence

## Green Building Card



### SUSTAINABILITY ATTRIBUTES

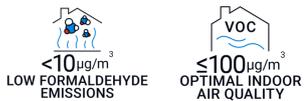
Circular Economy and Climate Change



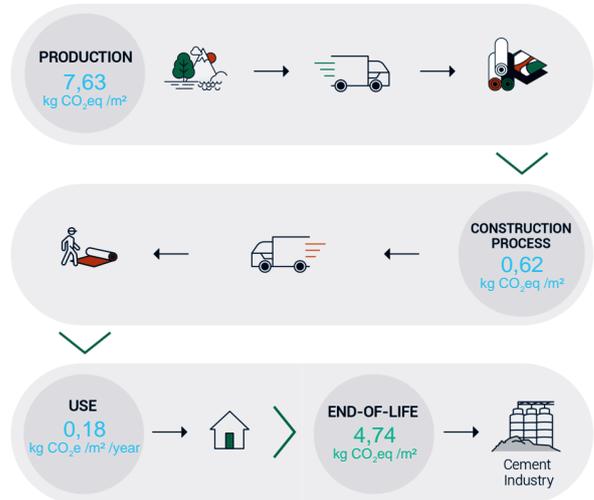
Good Materials



Indoor Air Quality



### LIFE CYCLE ASSESSMENT



**TOTAL CARBON FOOTPRINT** 13,16 kg CO<sub>2</sub>eq / m<sup>2</sup>

Product life span = 10 years

LCA Information above is based on the product's Environmental Product Declaration (EPD)  
 EPD Number : S-P-08639  
 EPD comparison should be conducted by experts only

# CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS

## BREEAM INTERNATIONAL NEW CONSTRUCTION 2016



CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<b>HEA 01 - Visual Comfort</b>	Best practices in daylighting and artificial lighting design <i>No specific requirement at product level</i>	 VISUAL COMFORT
<b>HEA 02 - Indoor Air Quality</b>	TVOC at 28 days $\leq 1000 \mu\text{g}/\text{m}^3$ and Formaldehyde at 28 days $\leq 60 \mu\text{g}/\text{m}^3$	     
<b>HEA 05 - Acoustic Performance</b>	Performance required for reverberation time <i>No specific requirement at product level</i>	 $\alpha = 0.15$ SOUND ABSORPTION
<b>MAT 01 - Life Cycle Impacts</b>	EPDs available	
<b>MAT 03 - Responsible Sourcing of Construction Products</b>	ISO 14001 certified	
<b>MAT 06 - Material Efficiency</b>	Ingredients verified by a third party or Product composed of recycled content	
<b>WST 01 - Waste Management</b>	Avoid sending waste to landfill <i>No specific requirement at product level</i>	  RECYCLABLE
<b>WST 06 - Functional Adaptability</b>	Encourage building adaptability <i>No specific requirement at product level</i>	  MODULAR PRODUCTS      GLUE FREE INSTALLATION



# CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS



## LEED v4.1 Building Design and Construction

CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<b>MR - Environmental Product Declarations</b>	EPDs available	
<b>MR - Sourcing of Raw Materials</b>	Signatory of the UN Global Compact or Product composed of recycled content or Recyclable at end-of-life or Bio-sourced materials	
<b>MR - Material Ingredients</b>	Ingredients verified by a third party or Cradle to Cradle® certification at bronze level or higher	 
<b>MR - Construction and Demolition Waste Management</b>	Avoid sending waste to landfill <i>No specific requirement at product level</i>	 
<b>EQ - Low Emitting Materials and Indoor Air Quality Assessment</b>	TVOC at 28 days $\leq 1000 \mu\text{g}/\text{m}^3$ and Formaldehyde at 28 days $\leq 10 \mu\text{g}/\text{m}^3$ Decrease the concentration of particles in the air	     
<b>EQ - Interior Lighting and Daylight</b>	Best practices in daylighting and artificial lighting design <i>No specific requirement at product level</i>	
<b>EQ - Acoustic Performance</b>	Performance required for reverberation time <i>No specific requirement at product level</i>	



# CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS



## WELL BUILDING STANDARD v2

CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<b>L02 - Visual Lighting Design and L 06 - Daylight Simulation</b>	Best practices in daylighting and artificial lighting design <i>No specific requirement at product level</i>	 VISUAL COMFORT
<b>S04 - Reverberation Time</b>	Performance requirement for reverberation time <i>No specific requirement at product level</i>	 α=0.15 SOUND ABSORPTION
<b>S07 - Impact Noise Management</b>	Best practices in impact noise reduction <i>No specific requirement at product level</i>	 24dB IMPACT NOISE REDUCTION
<b>X01, X02 and X05 - Material Restrictions, Interior Hazardous Materials Management and Enhanced Material Restrictions</b>	Asbestos < 1000 ppm Halogenated flame retardants < 100 ppm PFAS < 100 ppm Lead < 100 ppm Cadmium < 100 ppm Mercury < 100 ppm Orthophthalates < 100 ppm <i>Higher amounts are allowed if required by local code</i>	  Verify compliance according to chemicals displayed in MHS. Evaluation threshold at least 100 ppm (0.01%) of the final product.
<b>X06 - VOC Restrictions</b>	TVOC at 28 days ≤ 1000 µg/m <sup>3</sup> and Formaldehyde at 28 days ≤ 124 µg/m <sup>3</sup> (E1)	 ≤100 µg/m <sup>3</sup> OPTIMAL INDOOR AIR QUALITY  ≤10 µg/m <sup>3</sup> LOW FORMALDEHYDE EMISSIONS    
<b>X07 - Materials Transparency</b>	Ingredients verified by a third party or Cradle to Cradle® certification at bronze level or higher	 
<b>X08 - Materials Optimization</b>	Ingredients verified by a third party or Cradle to Cradle® certification at silver level or higher	



# CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS



## SKA RATING OFFICES 1.2

CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<b>Soft flooring</b>	Recycled content > 50% or Renewable or natural content > 50% or Cradle to Cradle® certification at silver level or higher or EPDs available	
<b>Reduce floor finishes sent to landfill</b>	Avoid sending waste to landfill <i>No specific requirement at product level</i>	 
<b>Low VOC finishes</b>	TVOC at 28 days $\leq 100 \mu\text{g}/\text{m}^3$ and Formaldehyde at 28 days $\leq 10 \mu\text{g}/\text{m}^3$ or Ingredient disclosure	  
<b>Daylighting</b>	Best practices in daylighting design <i>No specific requirement at product level</i>	
<b>Acoustic Design</b>	Performance required for reverberation time- <i>No specific requirement at product level</i>	





DGNB System - New buildings Version 2020 International

CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<b>ENV1.1 - Building Life Cycle Assessment</b>	EPDs available	
<b>ENV1.2 - Local Environment Impact</b>	Textile flooring - Quality level 4 TVOC at 28 days ≤ 100 µg/m <sup>3</sup> SVHC < 0,1% Biocidal products only in accordance with 528/2012/EC Resilient flooring - Quality level 4 TVOC at 28 days ≤ 300 µg/m <sup>3</sup> SVHC < 0,1% Chlorinated paraffins < 0,1% Phthalates that are toxic to reproduction < 0,1% No use of lead and cadmium compounds	<p>Verify compliance according to chemicals displayed in MHS. Evaluation threshold at least 100 ppm (0.01%) of the final product. Manufacturer declaration may also be provided - contact TARKETT's sales representative.</p>
<b>EC02.1 - Flexibility and Adaptability</b>	Products that can be easily removed <i>No specific requirement at product level</i>	
<b>SOC1.2 - Indoor Air Quality</b>	Indoor air quality measurement after construction work <i>No specific requirement at product level</i>	
<b>SOC1.3 - Acoustic Comfort</b>	Best practices in impact noise reduction- <i>No specific requirement at product level</i>	
<b>SOC1.4 - Visual Comfort</b>	Best practices in daylighting and artificial lighting design <i>No specific requirement at product level</i>	
<b>TEC1.6 - Ease of Recovering and Recycling</b>	Efficient use of resources	



# CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS



## HQE BÂTIMENT DURABLE v4

CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<b>Qualité de l'air intérieur</b>	Mesure de polluants dans l'air après travaux	
<b>Confort Acoustique</b>	Bonnes pratiques sur l'acoustique au sein d'une pièce et entre pièces <i>Pas d'exigence spécifique au niveau des produits</i>	
<b>Confort Visuel</b>	Bonnes pratiques sur l'éclairage naturel et artificiel <i>Pas d'exigence spécifique au niveau des produits</i>	
<b>Déchets</b>	Eviter l'envoi à la décharge <i>Pas d'exigence spécifique au niveau des produits</i>	
<b>ACV</b>	Calcul des impacts environnementaux de l'opération selon la RE2020	

## Green Star - Interiors v1.3



CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<b>Indoor Pollutants</b>	TVOC at 28 days ≤ 1000 µg/m <sup>3</sup> and Formaldehyde at 28 days ≤ 10 µg/m <sup>3</sup>	
<b>Acoustic Comfort</b>	Performance required for reverberation time <i>No specific requirement at product level</i>	
<b>Lighting and Visual Comfort</b>	Best practices in daylighting and artificial lighting design <i>No specific requirement at product level</i>	
<b>Life Cycle Assessment</b>	EPDs available	
<b>Responsible Building Materials</b>	Responsibly sourced materials, including best practice guidelines for PVC	
<b>Construction and Demolition Waste</b>	Avoid sending waste to landfill <i>No specific requirement at product level</i>	



# CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS



## MILJÖBYGGNAD

CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<p><b>Indicator 13 (V3.0 &amp; 3.1) Indicator 15 (V4.0)</b></p>	<p>Composition declared according to CLP/REACH None classified compounds are publicly declared if they make up &gt;2% of composition</p>	<p> <i>See available eBVD for Swedish adaptation.</i></p>
<p><b>Indicator 14 (V3.0 &amp; 3.1) Indicator 9 (V4.0)</b></p>	<p>Hazardous classified below CLP guidelines TVOC at 28 days <math>\leq 1000 \mu\text{g}/\text{m}^3</math> Formaldehyde at 28 days <math>\leq 10 \mu\text{g}/\text{m}^3</math></p>	<p>   <i>See available eBVD for Swedish adaptation.</i></p>

The Green Building Card is used as a reference only for projects at design stage. This document by itself is not enough to validate the Green Building Certification requirements and manufacturer's documentation must be provided. In order to access the product certificates, please contact your TARKETT's sales representative.

