

# Essence Roots

## Green Building Card



### SUSTAINABILITY ATTRIBUTES

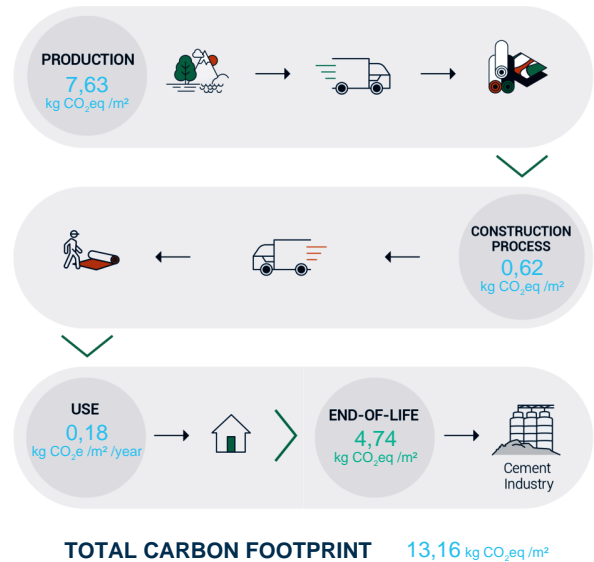
Circular Economy and Climate Change



Good Materials



### LIFE CYCLE ASSESSMENT



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®

## 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 ≤ 1000 µg/m3 and Formaldehyde at 28 days ≤ 60 µg/m3	
<b>HEA 05 - Acoustic Performance</b>	Performance required for reverberation time <i>No specific requirement at product level</i>	 α=0.20 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 



# 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=0.20 SOUND ABSORPTION
<b>S07 - Impact Noise Management</b>	Best practices in impact noise reduction- <i>No specific requirement at product level</i>	 25dB 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)	
<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>EPD®</b>
<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 ≤ 100 µg/m <sup>3</sup> and Formaldehyde at 28 days ≤ 10 µg/m <sup>3</sup> or Ingredient disclosure	<b>MHS</b> <small>EPD</small> MATERIAL · HEALTH · STATEMENT
<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>EPD®</b>
<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>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>	 α=0.20 SOUND ABSORPTION
<b>Confort Visuel</b>	Bonnes pratiques sur l'éclairage naturel et artificiel <i>Pas d'exigence spécifique au niveau des produits</i>	 VISUAL COMFORT
<b>Déchets</b>	Enviter l'envoi à la décharge <i>Pas d'exigence spécifique au niveau des produits</i>	RECYCLABLE

## Green Star - Interiors v1.3



CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<b>Acoustic Comfort</b>	Performance required for reverberation time <i>No specific requirement at product level</i>	 α=0.20 SOUND ABSORPTION
<b>Lighting and Visual Comfort</b>	Best practices in daylighting and artificial lighting design <i>No specific requirement at product level</i>	 VISUAL COMFORT
<b>Life Cycle Assessment</b>	EPDs available	
<b>Construction and Demolition Waste</b>	Avoid sending waste to landfill <i>No specific requirement at product level</i>	RECYCLABLE

## MILJÖBYGGNAD



CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<b>Indicator 13 (V3.0 &amp; 3.1) Indicator 15 (V4.0)</b>	Composition declared according to CLP/REACH None classified compounds are publicly declared if they make up >2% of composition	 MHS OF OPA MATERIAL HEALTH STATEMENT  <i>See available eBVD for Swedish adaptation.</i>

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.

