

# Defend

## Green Building Card

### SUSTAINABILITY ATTRIBUTES

Circular Economy and Climate Change



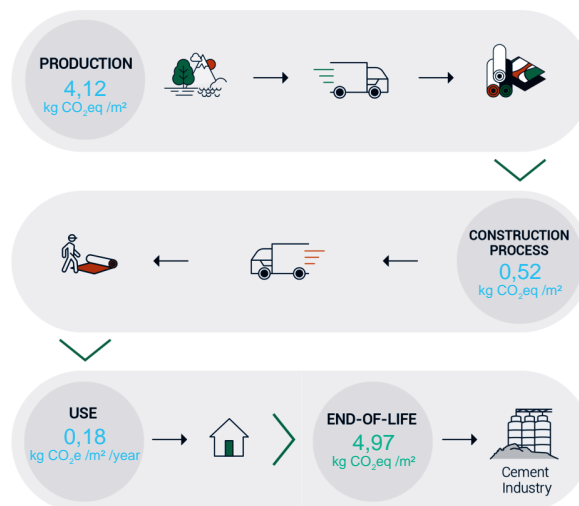
Good Materials



Indoor Air Quality



### LIFE CYCLE ASSESSMENT



**TOTAL CARBON FOOTPRINT** 9,79 kg CO<sub>2</sub>eq /m²











Product life span = 10 years

LCA Information above is based on the product's Environmental Product Declaration (EPD)  
EPD Number : S-P-02867  
EPD comparison should be conducted by experts only

## CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS

### BREEAM INTERNATIONAL NEW CONSTRUCTION 2016

BREEAM®

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>	
<b>HEA 02 - Indoor Air Quality</b>	TVOC at 28 days ≤ 1000 µg/m <sup>3</sup> and Formaldehyde at 28 days ≤ 60 µg/m <sup>3</sup>	 
<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>	 
<b>WST 06 - Functional Adaptability</b>	Encourage building adaptability <i>No specific requirement at product level</i>	 

## 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>EPD®</b> 
<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	WE SUPPORT
<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>	

## 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>	
<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>	 <i>Verify compliance according to chemicals displayed in MHS. Evaluation threshold at least 100 ppm (0.01%) of the final product.</i>
<b>X06 - VOC Restrictions</b>	TVOC at 28 days $\leq 1000 \mu\text{g}/\text{m}^3$ and Formaldehyde at 28 days $\leq 124 \mu\text{g}/\text{m}^3$ (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	

### 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>	

## CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS



### 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>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>SOC1.4 - 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	 




### 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 Visuel</b>	Bonnes pratiques sur l'éclairage naturel et artificiel <i>Pas d'exigence spécifique au niveau des produits</i>	
<b>Déchets</b>	Enviter l'envoi à la décharge <i>Pas d'exigence spécifique au niveau des produits</i>	 

## CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS




### Green Star - Interiors v1.3

CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<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>Construction and Demolition Waste</b>	Avoid sending waste to landfill <i>No specific requirement at product level</i>	 

### 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	 <i>See available eBVD for Swedish adaptation.</i>