

# iQ Optima

## Green Building Card



### SUSTAINABILITY ATTRIBUTES

#### Circular Economy and Climate Change



25%  
RECYCLED  
CONTENT

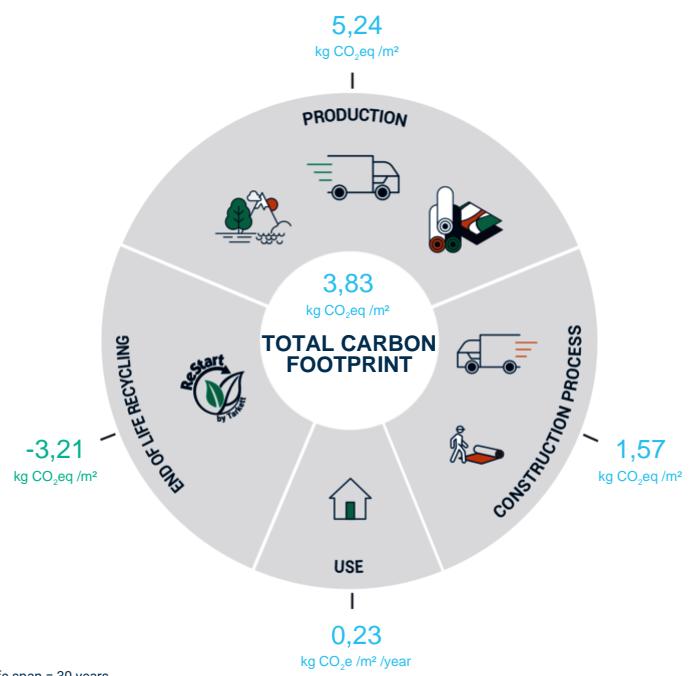
#### Good Materials



#### Indoor Air Quality



### LIFE CYCLE ASSESSMENT



LCA Information above is based on the product's Environmental Product Declaration (EPD)  
EPD Number : S-P-01346  
EPD comparison should be conducted by experts only

**Tarkett**

## CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS

### BREEAM INTERNATIONAL NEW CONSTRUCTION 2016

BREEAM®

CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<b>MAN 02 - Life Cycle Cost and Service Life Planning</b>	Encourage the use of life cycle costing <i>No specific requirement at product level</i>	
<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/m³ and Formaldehyde at 28 days ≤ 60 µg/m³	    
<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>	 



## 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>	



## 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 ≤ 1000 µg/m³ and Formaldehyde at 28 days ≤ 124 µg/m³ (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 ≤ 100 µg/m³ and Formaldehyde at 28 days ≤ 10 µg/m³ 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	
	Textile flooring - Quality level 4 TVOC at 28 days $\leq 100 \mu\text{g}/\text{m}^3$ SVHC < 0,1% Biocidal products only in accordance with 528/2012/EC Resilient flooring - Quality level 4 TVOC at 28 days $\leq 300 \mu\text{g}/\text{m}^3$ SVHC < 0,1% Chlorinated paraffins < 0,1% Phthalates that are toxic to reproduction < 0,1% No use of lead and cadmium compounds	 <b>MHS</b> MATERIAL HEALTH STATEMENT <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>ENV1.2 - Local Environment Impact</b>		
<b>ENV1.3 - Sustainable Resource Extraction</b>	Product composed of open-loop or post-consumer recycled content	
<b>ENV2.2 - Potable Water Demand and Waste Water Volume</b>	Encourage the reduction of potable water demand <i>No specific requirement at product level</i>	
<b>ECO1.1 - Life Cycle Cost</b>	Encourage the use of life cycle costing <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>TEC1.5 - Ease of Cleaning Building Components</b>	Verifiable results in reduced life cycle costs for cleaning <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 Visuel</b>	Bonnes pratiques sur l'éclairage naturel et artificiel <i>Pas d'exigence spécifique au niveau des produits</i>	
<b>Eau</b>	Limiter la consommation d'eau potable <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>	
<b>ACV</b>	Calcul des impacts environnementaux de l'opération selon la RE2020	
<b>Maitrise des coûts</b>	Encourager l'utilisation d'une analyse en coût global <i>Pas d'exigence spécifique au niveau des produits</i>	
<b>Economie locale</b>	Composant issu d'une filière de valorisation matière des déchets	



## CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS

### Green Star - Interiors v1.3



CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<b>Indoor Pollutants</b>	TVOC at 28 days $\leq 1000 \mu\text{g}/\text{m}^3$ and Formaldehyde at 28 days $\leq 10 \mu\text{g}/\text{m}^3$	
<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>	

### 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	 See available eBVD for Swedish adaptation.
<b>Indicator 14 (V3.0 &amp; 3.1) Indicator 9 (V4.0)</b>	Hazardous classified below CLP guidelines TVOC at 28 days $\leq 1000 \mu\text{g}/\text{m}^3$ Formaldehyde at 28 days $\leq 10 \mu\text{g}/\text{m}^3$	
<b>Indicator 13 (V4.0)</b>	At least 20% recycled content	

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.

