

# Airmaster Sphere

## Green Building Card

### SUSTAINABILITY ATTRIBUTES

Circular Economy and Climate Change



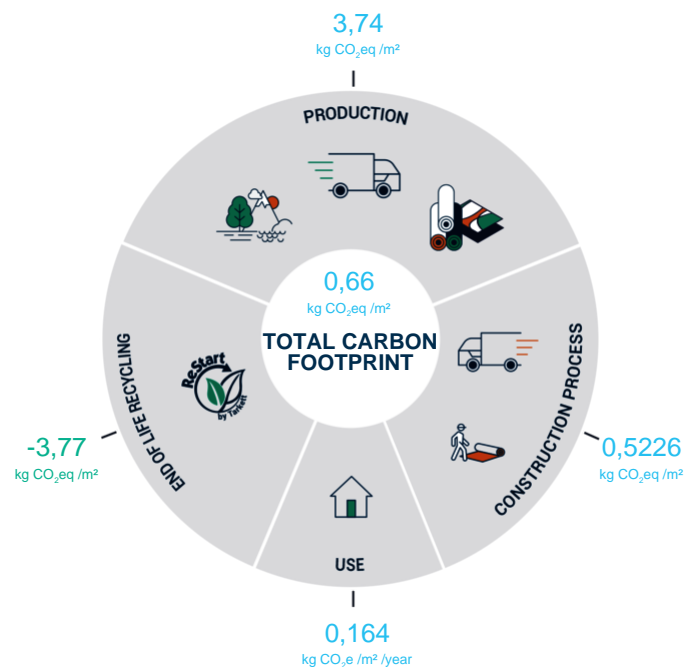
Good Materials



Indoor Air Quality



### LIFE CYCLE ASSESSMENT








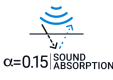











LCA Information above is based on the product's Environmental Product Declaration (EPD)  
EPD Number : S-P-11798  
EPD comparison should be conducted by experts only

## 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 $\leq 1000 \mu\text{g}/\text{m}^3$ 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>	
<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	 
<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>	 $\alpha=0.15$

## 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>	 $\alpha=0.15$ 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 $\leq 1000 \mu\text{g}/\text{m}^3$ and Formaldehyde at 28 days $\leq 124 \mu\text{g}/\text{m}^3$ (E1)	 $\leq 100 \mu\text{g}/\text{m}^3$ OPTIMAL INDOOR AIR QUALITY  FORMALDEHYDE FREE  M1+ EMISSION CLASS FOR BUILDING MATERIALS  GUT 
<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

SKArating®

### 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/m <sup>3</sup> and Formaldehyde at 28 days ≤ 10 µg/m <sup>3</sup> 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 $\leq 100 \mu\text{g}/\text{m}^3$ 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	   <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>ENV1.3 - Sustainable Resource Extraction</b>	Product composed of open-loop or post-consumer recycled content	 
<b>EC02.1 - Flexibility and Adaptability</b>	Products that can be easily removed No specific requirement at product level	 
<b>SOC1.2 - Indoor Air Quality</b>	Indoor air quality measurement after construction work No specific requirement at product level	 
<b>SOC1.3 - Acoustic Comfort</b>	Best practices in impact noise reduction- No specific requirement at product level	 
<b>SOC1.4 - Visual Comfort</b>	Best practices in daylighting and artificial lighting design No specific requirement at product level	
<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>	Enviter l'envoi à la décharge <i>Pas d'exigence spécifique au niveau des produits</i>	
<b>Economie locale</b>	Composant issu d'une filière de valorisation matière des déchets	





### Green Star - Interiors v1.3



CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
<b>Indoor Pollutants</b>	TVOC at 28 days ≤ 1000 µg/m³ and Formaldehyde at 28 days ≤ 10 µg/m³	
<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>	



## 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 $\leq 10 \mu\text{g}/\text{m}^3$	   See available eBVD for Swedish adaptation.
<b>Indicator 13 (V4.0)</b>	At least 20% recycled content	