

DESSO & Patricia Urquiola

Green Building Card

SUSTAINABILITY ATTRIBUTES

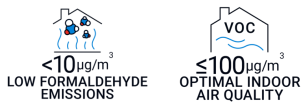
Circular Economy and Climate Change



Good Materials

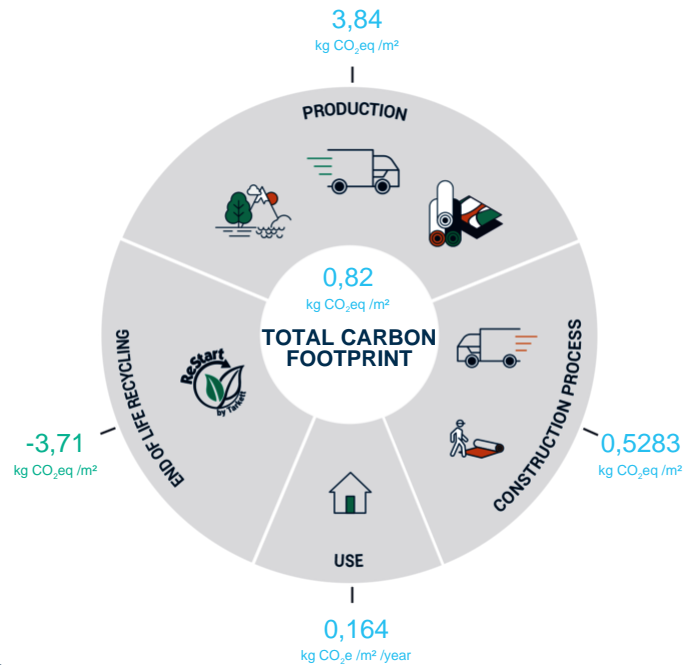


Indoor Air Quality



LCA Information above is based on the product's Environmental Product Declaration (EPD)
 EPD Number : S-P-08561
 EPD comparison should be conducted by experts only














LIFE CYCLE ASSESSMENT



CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS

BREEAM INTERNATIONAL NEW CONSTRUCTION 2016



CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
HEA 01 - Visual Comfort	Best practices in daylighting and artificial lighting design <i>No specific requirement at product level</i>	 VISUAL COMFORT
HEA 02 - Indoor Air Quality	TVOC at 28 days $\leq 1000 \mu\text{g}/\text{m}^3$ and Formaldehyde at 28 days $\leq 60 \mu\text{g}/\text{m}^3$	    
HEA 05 - Acoustic Performance	Performance required for reverberation time <i>No specific requirement at product level</i>	 $\alpha = 0.15$ SOUND ABSORPTION
MAT 01 - Life Cycle Impacts	EPDs available	
MAT 06 - Material Efficiency	Ingredients verified by a third party or Product composed of recycled content	  
WST 01 - Waste Management	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
MR - Environmental Product Declarations	EPDs available	
MR - Sourcing of Raw Materials	Signatory of the UN Global Compact or Product composed of recycled content or Recyclable at end-of-life or Bio-sourced materials	
MR - Material Ingredients	Ingredients verified by a third party or Cradle to Cradle® certification at bronze level or higher	
MR - Construction and Demolition Waste Management	Avoid sending waste to landfill <i>No specific requirement at product level</i>	
EQ - Low Emitting Materials and Indoor Air Quality Assessment	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	
EQ - Interior Lighting and Daylight	Best practices in daylighting and artificial lighting design <i>No specific requirement at product level</i>	
EQ - Acoustic Performance	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
L02 - Visual Lighting Design and L 06 - Daylight Simulation	Best practices in daylighting and artificial lighting design <i>No specific requirement at product level</i>	 VISUAL COMFORT
S04 - Reverberation Time	Performance requirement for reverberation time <i>No specific requirement at product level</i>	 α=0.15 SOUND ABSORPTION
S07 - Impact Noise Management	Best practices in impact noise reduction- <i>No specific requirement at product level</i>	 23dB IMPACT NOISE REDUCTION
X01, X02 and X05 - Material Restrictions, Interior Hazardous Materials Management and Enhanced Material Restrictions	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.
X06 - VOC Restrictions	TVOC at 28 days ≤ 1000 µg/m3 and Formaldehyde at 28 days ≤ 124 µg/m3 (E1)	   <10 µg/m ³ LOW FORMALDEHYDE EMISSIONS   ≤100 µg/m ³ OPTIMAL INDOOR AIR QUALITY
X07 - Materials Transparency	Ingredients verified by a third party or Cradle to Cradle® certification at bronze level or higher	 
X08 - Materials Optimization	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
Soft flooring	Recycled content > 50% or Renewable or natural content > 50% or Cradle to Cradle® certification at silver level or higher or EPDs available	  
Reduce floor finishes sent to landfill	Avoid sending waste to landfill <i>No specific requirement at product level</i>	 
Low VOC finishes	TVOC at 28 days ≤ 100 µg/m ³ and Formaldehyde at 28 days ≤ 10 µg/m ³ or Ingredient disclosure	  
Daylighting	Best practices in daylighting design <i>No specific requirement at product level</i>	
Acoustic Design	Performance required for reverberation time- <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
ENV1.1 - Building Life Cycle Assessment	EPDs available	
ENV1.2 - Local Environment Impact	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>
ENV1.3 - Sustainable Resource Extraction	Product composed of open-loop or post-consumer recycled content	
SOC1.2 - Indoor Air Quality	Indoor air quality measurement after construction work <i>No specific requirement at product level</i>	
SOC1.3 - Acoustic Comfort	Best practices in impact noise reduction- <i>No specific requirement at product level</i>	
SOC1.4 - Visual Comfort	Best practices in daylighting and artificial lighting design <i>No specific requirement at product level</i>	
TEC1.6 - Ease of Recovering and Recycling	Efficient use of resources	



CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS



HQE BÂTIMENT DURABLE v4

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

Green Star - Interiors v1.3



CERTIFICATION CRITERIA	CERTIFICATION REQUIREMENTS	THE TARKETT RESPONSE
Indoor Pollutants	TVOC at 28 days $\leq 1000 \mu\text{g}/\text{m}^3$ and Formaldehyde at 28 days $\leq 10 \mu\text{g}/\text{m}^3$	 
Acoustic Comfort	Performance required for reverberation time <i>No specific requirement at product level</i>	
Lighting and Visual Comfort	Best practices in daylighting and artificial lighting design <i>No specific requirement at product level</i>	
Life Cycle Assessment	EPDs available	
Construction and Demolition Waste	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>Indicator 13 (V3.0 & 3.1) Indicator 15 (V4.0)</p>	<p>Composition declared according to CLP/REACH None classified compounds are publicly declared if they make up >2% of composition</p>	<p> <i>See available eBVD for Swedish adaptation.</i></p>
<p>Indicator 14 (V3.0 & 3.1) Indicator 9 (V4.0)</p>	<p>Hazardous classified below CLP guidelines TVOC at 28 days $\leq 1000 \mu\text{g}/\text{m}^3$ Formaldehyde at 28 days $\leq 10 \mu\text{g}/\text{m}^3$</p>	<p>   <i>See available eBVD for Swedish adaptation.</i></p>
<p>Indicator 13 (V4.0)</p>	<p>At least 20% recycled content</p>	<p></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.

