

# Veneto xf<sup>2</sup> (2.0mm)

## Green Building Card

### SUSTAINABILITY ATTRIBUTES

#### Circular Economy and Climate Change



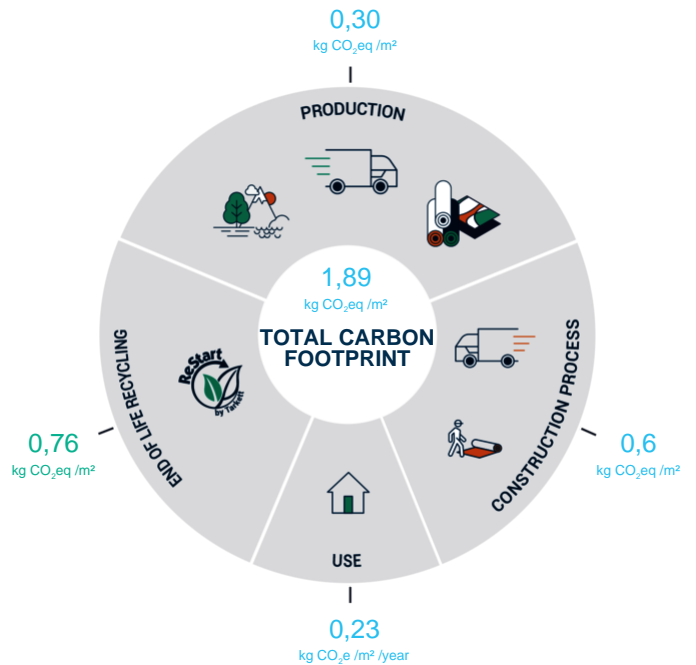
#### Good Materials



#### Indoor Air Quality



### LIFE CYCLE ASSESSMENT
















LCA Information above is based on the product's Environmental Product Declaration (EPD)  
 EPD Number : 4789356590.101.2  
 EPD comparison should be conducted by experts only



# CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS



## 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<br><i>No specific requirement at product level</i> | <br>VISUAL COMFORT   |
| <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>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<br><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<br><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 $\leq 10 \mu\text{g}/\text{m}^3$<br>Decrease the concentration of particles in the air |      |
| <b>EQ - Interior Lighting and Daylight</b>                           | Best practices in daylighting and artificial lighting design<br><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<br><i>No specific requirement at product level</i>   | <br>VISUAL COMFORT  |
| <b>S07 - Impact Noise Management</b>  | Best practices in impact noise reduction<br><i>No specific requirement at product level</i>   | <br>5dB   IMPACT NOISE REDUCTION  |
| <b>X01, X02 and X05 - Material Restrictions, Interior Hazardous Materials Management and Enhanced Material Restrictions</b> | Asbestos < 1000 ppm<br>Halogenated flame retardants < 100 ppm<br>PFAS < 100 ppm<br>Lead < 100 ppm<br>Cadmium < 100 ppm<br>Mercury < 100 ppm<br>Orthophthalates < 100 ppm<br><i>Higher amounts are allowed if required by local code</i> | <br>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)   |  ≤10 µg/m <sup>3</sup> OPTIMAL INDOOR AIR QUALITY<br> FORMALDEHYDE FREE<br> floor score<br> M1<br> A+ |
| <b>X07 - Materials Transparency</b>   | Ingredients verified by a third party or Cradle to Cradle® certification at bronze level or higher  | <br>   |
| <b>X08 - Materials Optimization</b>   | Ingredients verified by a third party or Cradle to Cradle® certification at silver level or higher  | <br>   |



# CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS



## SKA RATING OFFICES 1.2

| CERTIFICATION CRITERIA                        | CERTIFICATION REQUIREMENTS   | THE TARKETT RESPONSE   |
|---|--|--|
| <b>Soft flooring</b>                          | Recycled content > 50%<br>or Renewable or natural content > 50%<br>or Cradle to Cradle® certification at silver level or higher<br>or EPDs available |   <br>   |
| <b>Reduce floor finishes sent to landfill</b> | Avoid sending waste to landfill<br><i>No specific requirement at product level</i>   |    |
| <b>Low VOC finishes</b>                       | TVOC at 28 days ≤ 100 µg/m <sup>3</sup> and<br>Formaldehyde at 28 days ≤ 10 µg/m <sup>3</sup><br>or Ingredient disclosure                            |   <br>  |
| <b>Daylighting</b>                            | Best practices in daylighting design<br><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<br>TVOC at 28 days ≤ 100 µg/m3<br>SVHC < 0,1%<br>Biocidal products only in accordance with 528/2012/EC<br>Resilient flooring - Quality level 4<br>TVOC at 28 days ≤ 300 µg/m3<br>SVHC < 0,1%<br>Chlorinated paraffins < 0,1%<br>Phthalates that are toxic to reproduction < 0,1%<br>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>SOC1.2 - Indoor Air Quality</b>               | Indoor air quality measurement after construction work<br>No specific requirement at product level  |   |
| <b>SOC1.3 - Acoustic Comfort</b>                 | Best practices in impact noise reduction<br>No specific requirement at product level  |   |
| <b>SOC1.4 - Visual Comfort</b>                   | Best practices in daylighting and artificial lighting design<br>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<br><i>Pas d'exigence spécifique au niveau des produits</i> |     |
| <b>Confort Visuel</b>             | Bonnes pratiques sur l'éclairage naturel et artificiel<br><i>Pas d'exigence spécifique au niveau des produits</i>                |    |
| <b>Déchets</b>                    | Enviter l'envoi à la décharge<br><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>Lighting and Visual Comfort</b>       | Best practices in daylighting and artificial lighting design<br><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<br><i>No specific requirement at product level</i>                              |   |



# CONTRIBUTION TO GREEN BUILDING CERTIFICATIONS



## MILJÖBYGGNAD

| CERTIFICATION CRITERIA  | CERTIFICATION REQUIREMENTS   | THE TARKETT RESPONSE   |
|---|--|--|
| <p><b>Indicator 13 (V3.0 &amp; 3.1) Indicator 15 (V4.0)</b></p> | <p>Composition declared according to CLP/REACH<br/>None classified compounds are publicly declared if they make up &gt;2% of composition</p> | <p><br/><i>See available eBVD for Swedish adaptation.</i></p>   |
| <p><b>Indicator 14 (V3.0 &amp; 3.1) Indicator 9 (V4.0)</b></p>  | <p>Hazardous classified below CLP guidelines<br/>TVOC at 28 days ≤ 1000 µg/m3<br/>Formaldehyde at 28 days ≤ 10 µg/m3</p>                     | <p>  <br/> <br/><i>See available eBVD for Swedish adaptation.</i></p> |
| <p><b>Indicator 13 (V4.0)</b></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.

