100% RECYCLE OF 100% OF NON CERAMIC WASTE

RECYCLE OF 100% NON CERAMIC WASTE
All the waste-fired tiles generated by the process are recycled from the building industry as inert supports for road subsoils and foundations, reducing the use of new natural resources.

SAFETY REQUIREMENTS - "Antipollution" Properties
D•MANSION have got "Antipollution" property (ASTM C1200-SC05 ≥ 0.60), in order to provide the highest safety and quality of life to those who both live and design the buildings.

SAFETY REQUIREMENTS - NO FIRE RISK
Panaria does not have flammable properties: it will not produce flame spread, and, in contact with flames, does not produce either the carbon or toxic fumes. Therefore they are classified in Class A2 and A1 (reaction to fire) by the EU Decision 65/65/EC.

SAFETY REQUIREMENTS - FIRE RATING
Panaria tiles are considered "100% RECYCLABLE", so the fire behavior can be considered insignificant. The thermal conductivity of D•MANSION is not more than 0.50 W/mK (in relation to "A1 fl and A1 (no reaction to fire) from the EU Decision 96/60/CE.

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SAFETY REQUIREMENTS - RECYCLED MATERIALS
Panaria packaging material is 100% recyclable packing material, (plastic packaging material, wooden pallets, straps, etc.).

LEED CREDITS

IS LEED 4.1 - LOW EMITTING MATERIALS, FLOORING SYSTEMS
NC, CI, CS, SCHOOLS LEED Rating Systems: 1 LEED POINT

- Graded on 4-color full color coating with the manufacturer’s indication in the rating system II: E0 0.3

IS LEED 4.3 - LOW EMITTING MATERIALS, CEILING AND WALL SYSTEMS
NC, CI, CS, SCHOOLS LEED Rating Systems: 1 LEED POINT

- Graded on 4-color full color coating with the manufacturer’s indication in the rating system II: E0 0.3

IS LEED 4.2 - LOW EMITTING MATERIALS, CLADDING AND WALL SYSTEMS
NC, CI, CS, SCHOOLS LEED Rating Systems: 1 LEED POINT

- Graded on 4-color full color coating with the manufacturer’s indication in the rating system II: E0 0.3

IS LEED 3.2 - GREEN CLEANING, PURCHASE OF SUSTAINABLE CLEANING PRODUCTS AND MATERIALS
NC, CI, CS, SCHOOLS LEED Rating Systems: 1-5 LEED POINTS

- For SCHOOLS only: EXEMPLAR PERFORMANCE (EXEMPLARY PERFORMANCES) MR CREDIT 2 - CONSTRUCTION WASTE MANAGEMENT

- For SCHOOLS only: 1 LEED POINT

- For the use of hardscape materials with SRI ≥ 29.

- 1 LEED POINT is granted for the use of hardscape materials with SRI ≥ 29.

- IEQ 3.1 - GREEN CLEANING, HIGH PERFORMANCE CLEANING PROGRAM: 1 LEED POINT

- If the use of local raw materials is equal to 20% of the total materials value, based on cost.

- IEQ 3.3 - GREEN CLEANING, PURCHASE OF SUSTAINABLE CLEANING PRODUCTS AND MATERIALS: 1-5 LEED POINTS

- If at least 95% by weight of the Raw Materials - material and packing - will be recycled.

- MR CREDIT 2 - CONSTRUCTION WASTE MANAGEMENT
NC, CI, CS, SCHOOLS LEED Rating Systems: 1 LEED POINT

- Materials and products that are manufactured regionally within a radius of 500 miles from the production site

- 2 LEED POINTS

- MR 3 - SUSTAINABLE PURCHASING, FACILITY ALTERATIONS AND ADDITIONS
NC, CI, CS, SCHOOLS LEED Rating Systems: 1 LEED POINT

- If the % post-consumer waste + ½% pre-consumer waste ≥ 20% of the total raw materials, based on cost.

- IEQ CREDIT 4.6 - LOW EMITTING MATERIALS, CEILING AND WALL SYSTEMS
NC, CI, CS, SCHOOLS LEED Rating Systems: 1 LEED POINT

- Low-emitting materials with SRI ≥ 29. For this reason it is ideal for heating floor systems and external cladding.

- D•MANSION porcelain tiles are produced with 40% of pre-consumer recycled materials, as certified by a qualified external company. The certificate is available on the website www.panaria.it

- ARE 100% RECYCLABLE.

- D•MANSION tiles obtain 1 LEED point because they do not contain any Volatile Organic Compounds VOC (see LEED 2009 NC, CI, CS, SCHOOLS Rating Systems).

- IS LEED 4.2 - LOW EMITTING MATERIALS, CEILING AND WALL SYSTEMS
NC, CI, CS, SCHOOLS LEED Rating Systems: 1 LEED POINT

- Graded on 4-color full color coating with the manufacturer’s indication in the rating system II: E0 0.3

- ARE 100% RECYCLABLE.

- D•MANSION tiles obtain 1 LEED point because they do not contain any Volatile Organic Compounds VOC (see LEED 2009 NC, CI, CS, SCHOOLS Rating Systems).

- IS LEED 4.1 - LOW EMITTING MATERIALS, ADHESIVES AND SEALANTS
NC, CI, CS, SCHOOLS LEED Rating Systems: 1 LEED POINT

- Graded on 4-color full color coating with the manufacturer’s indication in the rating system II: E0 0.3

- ARE 100% RECYCLABLE.

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NC, CI, CS, SCHOOLS LEED Rating Systems: 1 LEED POINT

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NC, CI, CS, SCHOOLS LEED Rating Systems: 1 LEED POINT

- Graded on 4-color full color coating with the manufacturer’s indication in the rating system II: E0 0.3

- ARE 100% RECYCLABLE.

- D•MANSION tiles obtain 1 LEED point because they do not contain any Volatile Organic Compounds VOC (see LEED 2009 NC, CI, CS, SCHOOLS Rating Systems).

- IS LEED 4.3 - LOW EMITTING MATERIALS, CEILING AND WALL SYSTEMS
NC, CI, CS, SCHOOLS LEED Rating Systems: 1 LEED POINT

- Graded on 4-color full color coating with the manufacturer’s indication in the rating system II: E0 0.3

- ARE 100% RECYCLABLE.

- D•MANSION tiles obtain 1 LEED point because they do not contain any Volatile Organic Compounds VOC (see LEED 2009 NC, CI, CS, SCHOOLS Rating Systems).

- IS LEED 4.2 - LOW EMITTING MATERIALS, CLADDING AND WALL SYSTEMS
NC, CI, CS, SCHOOLS LEED Rating Systems: 1 LEED POINT

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## PACKINGS AND WEIGHTS

<table>
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<tr>
<th>DESCRIPTION</th>
<th>SIZES</th>
<th>PIECES BOX</th>
<th>WEIGHT BOX (KG)</th>
<th>BOX (KG.)</th>
<th>LAY BOX</th>
<th>BOXES PALLET</th>
<th>WEIGHT PALLET (KG.)</th>
<th>SCM PALLET</th>
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<tr>
<td>FONDO</td>
<td>18&quot;x18&quot;</td>
<td>7</td>
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<td>32</td>
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* No Hydrofluoric acid and derivatives.