### 3D WALL DESIGN

#### WHITE BODY WALL TILES

**TECHNICAL FEATURES - COMPLIANT WITH STANDARDS EN 14411 (ISO 13006)**

**ANNEX L GROUP**

For further details, please refer to the outdoor design general catalogue.

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**3D Wall Design**

<table>
<thead>
<tr>
<th>Sizes</th>
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**Sizing and Technical Features**

- **Length and width:**
  - 19\(\frac{3}{4}\)"x43\(\frac{3}{4}\)":
    - Matte: Rectified 9.5mm
    - Shiny: Rectified 8.5mm
  - 15\(\frac{3}{4}\)"x31\(\frac{3}{4}\)":
    - Matte: Rectified 10mm
    - Shiny: Rectified 9.5mm
  - 12\(\frac{3}{4}\)"x22\(\frac{3}{4}\)":
    - Matte: Rectified 8.5mm
    - Shiny: Rectified 9.5mm

- **Thickness:**
  - 19\(\frac{3}{4}\)"x43\(\frac{3}{4}\)":
    - Matte: 0.75 - 0.5 (**) for products with 20 mm thickness
    - Shiny: 0.75 - 0.5 (**) for products with 20 mm thickness
  - 15\(\frac{3}{4}\)"x31\(\frac{3}{4}\)":
    - Matte: 0.75 - 0.5 (**) for products with 20 mm thickness
    - Shiny: 0.75 - 0.5 (**) for products with 20 mm thickness
  - 12\(\frac{3}{4}\)"x22\(\frac{3}{4}\)":
    - Matte: 0.75 - 0.5 (**) for products with 20 mm thickness
    - Shiny: 0.75 - 0.5 (**) for products with 20 mm thickness

- **Straightness of sides:**
  - 19\(\frac{3}{4}\)"x43\(\frac{3}{4}\)":
    - Matte: ±0.3mm +0.5mm
    - Shiny: ±0.3mm +0.5mm
  - 15\(\frac{3}{4}\)"x31\(\frac{3}{4}\)":
    - Matte: ±0.3mm +0.5mm
    - Shiny: ±0.3mm +0.5mm
  - 12\(\frac{3}{4}\)"x22\(\frac{3}{4}\)":
    - Matte: ±0.3mm +0.5mm
    - Shiny: ±0.3mm +0.5mm

- **Perpendicularity:**
  - ISO 10545-2:
    - Matte: ±0.5mm (***)
    - Shiny: ±0.5mm (***)
  - ISO 10545-3:
    - Matte: ±0.5mm (***)
    - Shiny: ±0.5mm (***)

- **Surface flatness:**
  - Matte: ±0.5mm (***)
  - Shiny: ±0.5mm (***)

- **Regularity features:**
  - Matte: ±0.5mm (***)
  - Shiny: ±0.5mm (***)

- **Water absorption level:**
  - Matte: 3%
  - Shiny: 3%

- **Breaking strength:**
  - Matte: 600 N
  - Shiny: 600 N

- **Bending resistance:**
  - Matte: R ≥ 35 N/mm²
  - Shiny: R ≥ 35 N/mm²

- **Thermal shock resistance:**
  - Matte: Resistive
  - Shiny: Resistive

- **Moisture expansion (in mm/m):**
  - Matte: ±0.06% (0.6mm/m)
  - Shiny: ±0.06% (0.6mm/m)

- **Crazing resistance: glazed tiles:**
  - Matte: ±0.06% (0.6mm/m)
  - Shiny: ±0.06% (0.6mm/m)

- **Bond strength:**
  - Matte: EN 1348
  - Shiny: EN 1348

- **Reaction to fire:**
  - Matte: Class A1
  - Shiny: Class A1

- **Resistance to household chemicals and swimming pool salts:**
  - Matte: Minimum B class
  - Shiny: Minimum B class

- **Resistance to low concentrations of acids and alkalis:**
  - Matte: Declared class
  - Shiny: Declared class

- **Resistance to high concentrations of acids and alkalis:**
  - Matte: Declared class
  - Shiny: Declared class

- **Stain resistance of glazed tiles:**
  - Matte: Minimum Class 3
  - Shiny: Minimum Class 3

- **Release of dangerous substances:**
  - Matte: Cadmium (in mg/dm²): ±0.01 mg/dm² Pb
  - Shiny: Cadmium (in mg/dm²): ±0.01 mg/dm² Pb

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* Permitted deviation, in % or mm, from the average size of each tile (2 or 4 sides) with respect to the manufacturing size (W).
** Permitted deviation, in % or mm, from the average thickness of each tile with respect to the cited manufacturing thickness (W).
*** Maximum permitted straightness deviation, in % or mm, with respect to the corresponding manufacturing sizes (W).
**** Maximum permitted perpendicularity deviation, in % or mm, with respect to the corresponding manufacturing sizes (W).
***** Maximum permitted centre curvature deviation, in % or mm, with respect to the diagonal calculated according to manufacturing sizes (W).
**e.c.** Maximum permitted corner curvature deviation, in % or mm, with respect to the corresponding manufacturing sizes (W).
Maximum permitted bending deviation, in % or mm, with respect to the diagonal calculated according to manufacturing sizes (W).

1. Determining the slip resistance of pedestrian surfaces; not applicable to sports flooring or road traffic flooring.

2. The anti-slip performance is guaranteed at the time of delivering the product.

3. However, tiles with a DCOF of 0.42 or greater are not necessarily suitable for all projects. The specifier shall determine tiles appropriate for specific project conditions, considering by way of example, but not in limitation, type of use, traffic, expected contaminants, expected maintenance, expected wear, and manufacturers’ guidelines and recommendations.”

4. For further details, please refer to the outdoor design general catalogue.

5. Only for products with 20 mm thickness