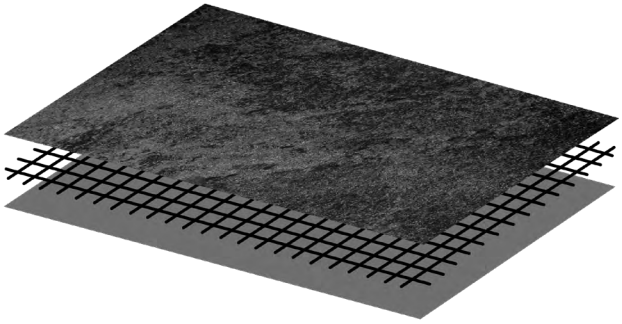
STONELEAF CLASSIC
Technical sheet

Composition
of a stone panel

100% natural stone panel
Fiberglass
Resin



DIN EN 15102:2011-12
DIN EN 15102:2008+A1:2001

- StoneLeaf stone panels are 100% natural, composed of layers of slate or mica.
- StoneLeaf panels are obtained by way of a schist stone extraction technique.
- StoneLeaf panels have a thickness of 0.6 and 0.8 mm of stone and are composed of a fiberglass and resin base that contributes to the panel's durability, flexibility, and dimensional stability.

1. StoneLeaf Product Line

Our StoneLeaf range is composed of slate, mica and unpolished marble that come from a quarry in India. StoneLeaf's stone panels are neither recomposed nor reconstituted. Being 100% natural stone, the panels may show variations in color and grain. Each block of stone is unique and gives you an exceptional product.
For special requests, we invite you to consult us for the choice of color and structure.
Please feel free to refer to the catalog and samples.

2. Composition of the product

StoneLeaf's stone panels do not contain formaldehyde.

Stone

- Oxygen (O) : 44.6%
- Carbon (C) : 31.0%
- Aluminium (Al) : 5.6%
- Silicium (Si) : 13.0%
- Iron (Fe) : 3.4%
- Potassium (K) : 2.4%

Resin and fiberglass

- Oxygen (O) : 73.0%
- Carbon (C) : 26.0%

3. Technical information

Dimension
Our standard dimension :
- 1220mm x 610mm
- 2400mm x 1200mm

Weight
Our stone panels are very light : between 1.5 and 2 Kg/Sqm.

Thickness
Our stone panels are very thin : between 1.5 and 1.8 mm, depending on the selection.

Density
1.45 Kg/Sqm.

Resistance to heat
Up to 120°.

All StoneLeaf panels are available and stocked in most dimensions. For any special dimension or for a request for availability, please do not hesitate to contact us.

4. Tests

Fire Tests
Euroclass C-S2-D0
Standard NF EN ISO 11925-2 (2013)
Standard NF EN 13823 : 2013

European Certifications
- DIN EN 15102:2011-12
- DIN EN 15102:2008+A1:2011
StoneLeaf is CE certified.

Slip Class
StoneLeaf panels received a class R9 for slate and R10 for mica.

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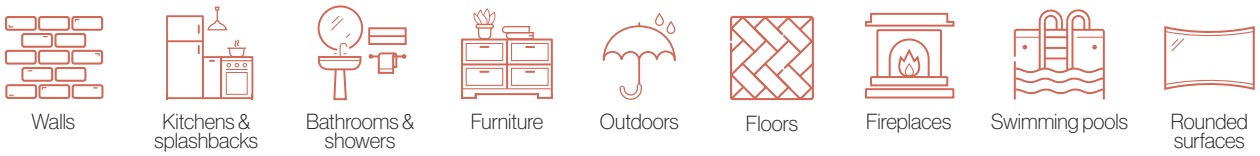
5. Installation

Recommended temperature
In order to work optimally with StoneLeaf stone panels, we recommend a temperature between 10° and 35° C.

Application possibilities



Surfaces
○ Tiling ○ Wood ○ Metal ○ Cement ○ Plaster ○ Glass

Tools
StoneLeaf stone panels work like a laminate, the main tools required are : Circular saw ; router ; flush, carbide cutter...

Adhesives
To adhere the stone panel on all types of surfaces, use an MS Polymer adhesive cartridge. Gluing instructions are detailed in our installation protocols.
For adhesion on wood / MDF / Chipboard surfaces, a contact adhesive (Neoprene) is recommended.

Maintenance & protection
We offer products suitable for the maintenance of StoneLeaf natural stones :
- Water repellent Anti-stain Nano : Pore filler for natural stone. To be used in a humid environment, outdoors, and any area liable to receive liquid splashes.
- Natural Stone Basic Cleaner : cleaning and maintenance product for natural stone.

6. Storage

Store the panels in a dry, clean place away from direct sunlight, flat or rolled up, do not store outdoors. Do not throw away the packaging before final installation of the product.
We accept no responsibility for any panel damaged during storage.

7. Quality

StoneLeaf stone panels are inspected every step of the way : from production to packaging. We consider the care and quality of our stone panels to be of utmost importance.

8. Packaging

1220 mm x 610 mm panels :
- For orders between 1 and 15 panels : The panels are packed together in boxes of 135 x 82 x 10 cm.
- Pallet shipments for large quantities.

2400 mm x 1200 mm panels :
- The panels are packed up to 4 panels per box. Each box measures 121 x 41 x 41 cm.
- Pallet shipments (laid flat) for large quantities.

We ask that you unwrap the panels carefully so as not to damage them. Follow the procedure of the installation protocol. Possible shipment methods: Air, sea, and road transportation. Consult us to optimize transportation.

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