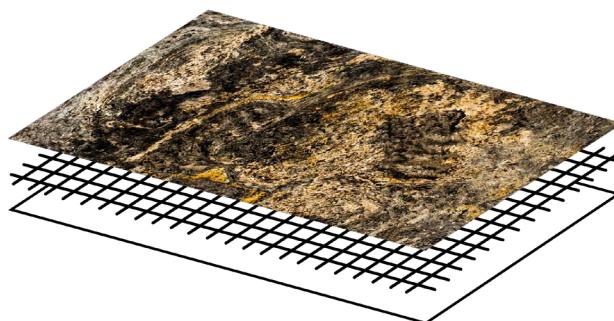


Composition of a stone panel

- 100% natural stone panel ○
- Fiberglass ○
- Transparent resin ○



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

- StoneLeaf Translucent stone panels are 100% natural, composed of layers of slate or mica.
- StoneLeaf Translucent panels are obtained by way of a schist stone extraction technique.
- StoneLeaf Translucent 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 Translucent Product Line

Our StoneLeaf Translucent range is composed of slate, mica and unpolished marble that come from a quarry in India. StoneLeaf's Translucent 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 Translucent 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

<p>Dimension</p> <p>Our standard dimension :</p> <ul style="list-style-type: none"> ○ 1220mm x 610mm ○ 2400mm x 1200mm 	<p>Weight</p> <p>Our stone panels are very light : between 1.5 and 2 Kg/Sqm.</p>	<p>Thickness</p> <p>Our stone panels are very thin : between 1.5 and 1.8 mm, depending on the selection.</p>	<p>Density</p> <p>1.45 Kg/Sqm.</p>
			<p>Resistance to heat</p> <p>Up to 120°.</p>

All StoneLeaf Translucent 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 translucent panels received a class R9 for slate and R10 for mica.

5. Installation



Recommended temperature

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

Application possibilities



Walls



Kitchens & splashbacks



Bathrooms & showers



Furniture



Outdoors



Fireplaces



Rounded surfaces

Surfaces

We recommend that you apply StoneLeaf Translucent panels on a diffusing plexiglass or glass backing in order to backlight the stone afterwards. We provide MS Polymer adhesives depending on the nature of your project. Do not hesitate to contact us for more information.

Tools

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

Adhesives

To adhere StoneLeaf Translucent stone panels on plexiglass or on glass, use a transparent polymer adhesive cartridge. Gluing instructions are detailed in our installation protocols.



Maintenance & protection

We offer products suitable for the maintenance of StoneLeaf Translucent natural stones :

- o 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.
- o 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 Translucent 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 :

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

2400 mm x 1200 mm panels :

- o The panels are packed up to 4 panels per box. Each box measures 121 x 41 x 41 cm.
- o 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.