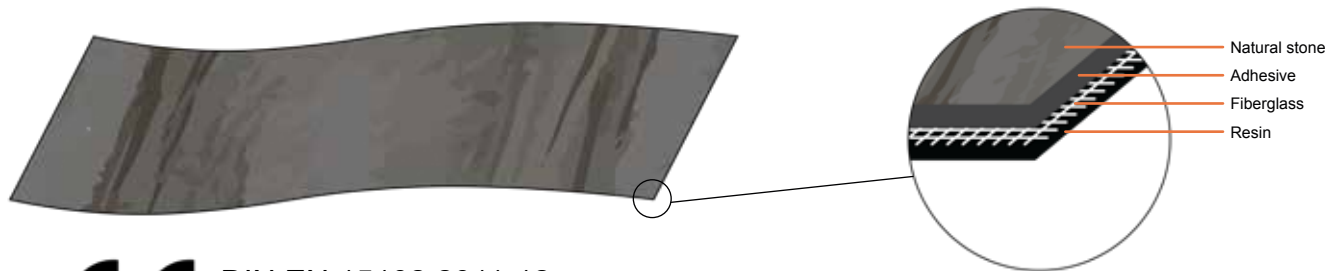


StoneLeaf composition details



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

1

PRODUCT

Made from slate, mica and marble stone's blocks, the StoneLeaf is about 100% natural stone layers. The StoneLeaf is made by stones layers extration directly from the stone blocks. StoneLeaf is made of 0,6 mm to 0,8 mm of natural stone set on fiberglass and resin to guarantee strength, flexibility and stability.

2

STONELEAF RANGE

StoneLeaf range is composed of 30 different stones from slate, mica and marble blocks. The StoneLeaf is not reconstitute, not chipboard instead of others classical stones sheet. Each natural StoneLeaf is unique and makes possible a lot of projects.

3

STONLEAF MAIN COMPONENTS

StoneLeaf is free from formaldehyde

Top layer : (in %)

Oxygen (O) : 44,6%
Carbon (C) : 31,0%
Silicium (Si) : 13,0%
Aluminium (Al) : 5,6%
Iron (Fe) : 3,4%
Potassium (k) : 2,4%

Back layer : (in %)

Oxygen (O) : 73,0%
Carbon (C) : 26,0%

4 TECHNICAL INFORMATIONS

Sizes :

Standard sizes :

1220mm x 610mm ;
2100mm x 1050 ;
2400mm x 1200mm

All StoneLeaf models are available on stocks in major sizes.

Don't hesitate to contact us for any request.

Weight

1,5 kg to 2 kg/Sqm

Thickness

1,5 mm to 1,8 mm depending of the model.

Density

1,45 Kg/Sqm.

Thermal expansion

0,5 mm to 0,7 mm.

Temperature resistance

Up to 120°C.

Bendable radius

Approximative 5 cm.

5 TESTS

Fire tests :

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

Slip Class :

StoneLeaf as reached slip classes R9 (slate) / R10 (Mica).

Water absorbtion :

Test according to ASTM / C-121
Water absorbtion is unsealed surface +2,5 %

European Certifications :

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

UV - Resistance test :

No deterioration of apperance or feel.
Standard : Light exposure according to D471431.

Test conditions : 300 H

Equipments : XENOTEST WEATHER
OMETER Ci 3000+.Lab 072.

6 INSTALLATION

Processing temperature :

It's recommended to work the StoneLeaf from 10°C to 35°C

Application areas :

Interior : Ceilling, floor, wall, door, shower and humid area
Exterior : Wall, terrace, floor, facade cladding, roof

Subsoils :

You can apply the StoneLeaf on :

Ceramic/Tiles

Wood ;

Metal ;

Concrete ;

Plaster

Glass

Rigs

All information about adhesive and installation are detailed in our installation information sheet.

Tools :

StoneLeaf works as a classic laminate. Major tools are circular saw, carbide blade, eccentric sander.

Adhesive :

StoneLeaf can be installed with MS Polymer adhesive or contact adhesive (Neoprene) depending of your application area.

Cleaning :

Refer to our installation guide

Akemi Water and oil repellent

Akemi Crystal clean

7

STORAGE

Storage area must be dry, preferably frost-free and sun protected.

Protect against climatic influences.

Do not throw packages / boxes before the end of the installation.

8

QUALITY

StoneLeaf material is controled on every step of the production. All products are strictly controlled before being shipped.

9

SHIPPING

Our standard size of 122cmx61cm will be sent to you in a flat box of 135cmx82cmx10cm. We put up to 15 sheets in one box.

Shipment on pallet for big quantities:

Our big size of 2400x1200mm can be sent rolled in boxes of 121cmx41cm. We can put 5 sheet per box.

Shipment flat on pallet for big quantities:

We invite you to carefully open the boxes.



Stone Leaf