

Applications

Backlit applications

The Faux Translucent Stone is the most beautiful in combination with light. That is why backlit applications are the most attractive. Reception desks, bars, lighting fixtures, but also walls or ceilings installed on acrylic light guide plates with LEDs are extremely easy and impressive!



Flavours, liquors and fragrances

Faux Translucent Stone has been tested by us for applications in direct contact with flavours, liquors and fragrances. We did not notice any difficult-to-remove stains, discolourisation or traces of chemical attack. For that reason Faux Translucent Stone is very popular for applications in retail and hospitality.



Wall cladding

Faux Translucent Stone is beautiful for wall cladding applications. The material can be used for either backlit applications, but is also very nice and elegant without light. The material is very suitable for applications in wet surroundings such as bathrooms. The chemical resistance is very good and it can easily be cleaned and maintained.



Reception desks and bars

The Faux Translucent Stone sheets weigh relatively less in comparison to real natural stone. That is why this material is very suitable for in example interior and yacht building. The material is often used as (illuminated) reception desks and bars in hospitality- and retail design. The material is very easy to fabricate. This means that we can bond, mill, drill and even bend the material in a radius from 600mm (10mm thickness).

Material description

Handmade sheets

All Faux Translucent Stone sheets are individually made in a manual process and therefore every sheet is unique. Faux Translucent Stone is made of polyester and the natural material aluminum hydroxide. The surface of the sheet is either gloss or matte and the sheets are standard made for one side use. Additional sanding and polishing is possible.

Maximum sheet size

The maximum sheet size is 2440x1220 mm.

Thickness tolerance

The sheets from the Faux Translucent Stone collection have a minimum thickness tolerance that is comparable to various other plastic types

(e.g. acrylic). The tolerance falls within +/- 10% compared to the nominal sheet thickness (technical datasheet is available).

Maintenance

Faux Translucent Stone is easy to maintain and clean with a soft non-woven cloth, soap and if necessary ammonia. PyraSied recommends to use VuPlex, this cleaner gives a protective layer to sheet and removes visually small scratches. When the material has scratches, you can remove those by sanding the front side of the material with a grain 1200 (depending on the deepness of the scratch) followed by polishing the material with a soft cotton and a polishing agent.

Quality assurance procedures

Because every sheet is handmade, we visually check every sheet in our warehouse.

Certificates

Formal tests have been done on 2/3/2016. The material has the fire certification Bs1d0 according to EN13501. You can request the official fire certificate and other certificates.

Fabrication / made-to-order

PyraSied offers full fabrication facilities: cutting-to-size, milling, bending, bonding and assembling. Please contact us for more information regarding all the fabrication possibilities. If you want to fabricate yourself, we have a fabrication manual for you.

Faux Translucent Stone is a surprising collection of extremely elegant and highly attractive "natural" translucent material for interior use. The translucent stones are more than just imitations of alabaster and onyx, it is much more. Each sheet has an individual and nicely balanced beauty that makes them a warm and timeless element in any interior. Hotels, retail, offices, spa's, airports, hospitals, restaurants, yachts are but a few of the applications where this versatile material can be used. Whether as furniture, (backlit) wall cladding or decorative installations, this trendy and innovative material is suitable for fabricating and installing into ultra-modern or classical interiors. PyraSied has a rapidly growing stock of this very high quality sheet material.

Important features

- A beautiful diffuse translucency, with the natural look making the material perfect when backlit
- Weighs significantly less than real natural stone
- Sheets can be warm-formed in a radius from 600 mm (10 mm thickness)
- Easy to fabricate; bonding, milling, drilling and sanding
- Highly price-competitive when compared to real translucent stones
- Easy to clean and maintain
- Excellent chemical resistance resistant
- Excellent colour stability for inside use
- Excellent fire behaviour: class Bs1d0 according to European norm 13501

Linear coefficient of thermal expansion	0.4 mm/mtr/10 °C
Maximum temperature for continuous use	80 °C
Density	1.8 kg per m ² /mm (type 1001 = 2.25 kg)
Izod shock resistance acc. to ASTM D256	78 °F 16 J/mtr
Force needed to break acc. to ASTM D790	43 MPa
Tensile modulus (e-module) acc. to ASTM D790	4550 MPa
Light transmission	>20%
Thickness tolerance	+/- 10% of nominal thickness
Maximum span	600mm (10mm thickness normal use)
Flammability	BS1D0 acc. to EN13501

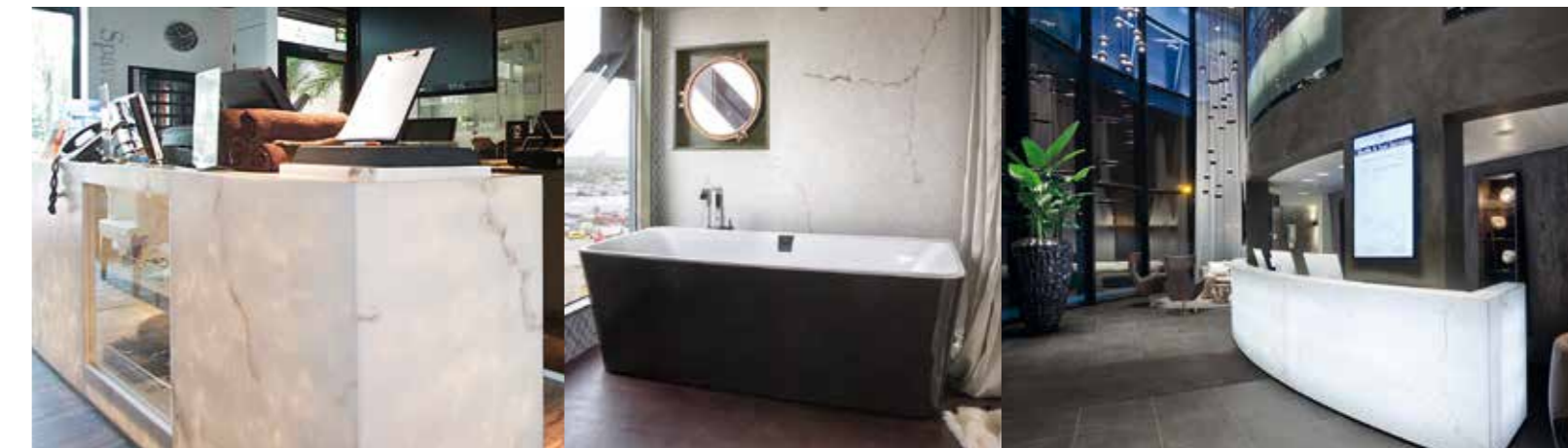
Additional information

- Technical datasheet
- Fabrication manual
- Cleaning instructions
- Fire certificate

Responsibility

The above documentations has been made with care. However, it is the full responsibility of the client or user to investigate in all relevant aspects whether the material and the

way it is used is suitable and safe for the intended application. PyraSied is not responsible for any mistakes in the above text.



Stock program

surface	article	name	structure	thickness in mm					
				4	5	6	8	10	12
matte	0102	Wave white/grey						●	
matte	0103	Wave white/yellow						●	
matte	0205-2	Cracked Onyx white			●			●	
matte	0215-1	Cracked Onyx white/orange vein						●	
matte	0206-2	Cracked Onyx white/yellow					●		
matte	0302-0	Faux Alabaster no veins				●		●	
matte	0302-1	Faux Alabaster brown one vein				●		●	
matte	0302-2	Faux Alabaster brown two veins				●		●	
matte	0401	Onyx stone white						●	
matte	0402	Onyx stone yellow/brown						●	
matte	0601	Luxury Onyx white/green						●	
matte	0901	Luxury stone white/beige						●	
matte	1101	Wood stone white/yellow						●	
matte	1201	Curly cappuccino stone						●	
matte	1301	Faux Strips white					●		



Wave white/grey 0102 backlighting



Wave white/grey 0102



Wave white/yellow 0103 backlighting



Wave white/yellow 0103



Onyx stone yellow/brown 0402 backlighting



Onyx stone yellow/brown 0402



Luxury Onyx white/green 0601 backlighting



Luxury Onyx white/green 0601



Cracked Onyx white 0205-2 backlighting



Cracked Onyx white 0205-2



Cracked Onyx yellow + orange 0206-2 backlighting



Cracked Onyx yellow + orange 0206-2



Luxury stone white/beige 0901 backlighting



Luxury stone white/beige 0901



Wood stone white/yellow 1101 backlighting



Wood stone white/yellow 1101



Faux Alabaster white 2 brown veins 0302-2 backlighting



Faux Alabaster white 2 brown veins 0302-2



Onyx stone white 0401 backlighting



Onyx stone white 0401



Curly cappuccino stone 1201 backlighting



Curly cappuccino stone 1201



Translucent strips white 1301 backlighting



Translucent strips white 1301

Delivery options

Sheet, pallet or mix pallet

You can purchase Faux Translucent Stone per full sheet, pallet or compose your own mix pallet.

Custom made

It's possible to order custom made colours, thicknesses or sizes with a minimum order quantity. The maximum sheet size is 1220x2440 mm.

Please contact our sales department for more information.

Support

PyraSied can offer all the support needed, technical and commercial. We can be reached daily during working days from 8:00 -17:00 on tel. 0031-58-7676100 or email sales@pyrasied.nl.

Samples

Samples can be purchased via our website www.pyrasied.nl. Professionals can also order samples by sending an email to marketing@pyrasied.nl. Samples are available up to a size of A4.