





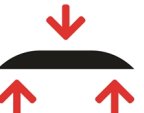




## SINAI PEARL

	<b>Origin</b>	Egypt
	<b>Petrographic classification</b>	Sedimentary rocks - biochemical sedimentary rocks - Fossil limestone (EN 12670)
	<b>Appearance</b>	Limestone with a beige colored background, natural glass or quartz veins and sometimes many fossils.
	<b>Alternative names</b>	Chambol

### Usage

<b>General</b>	<p>The stone and surface finish should be selected depending on the intended use.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: black; color: white; text-align: center; padding: 5px;"><b>Internal Applications</b></td> <td style="background-color: black; color: white; text-align: center; padding: 5px;"><b>Outdoor Applications</b></td> </tr> <tr> <td style="padding: 5px;"> <ul style="list-style-type: none"> <li>- Inside Paving</li> <li>- Wall cladding</li> <li>- Worktops</li> <li>- Decorative cut-to-size</li> <li>- Stairs</li> <li>- Shower</li> <li>- Swimming pool surround</li> </ul> </td> <td style="padding: 5px;"> <ul style="list-style-type: none"> <li>- Patio</li> <li>- Facade cladding</li> <li>- Gravestones and monuments</li> <li>- Swimming pool surround</li> </ul> </td> </tr> </table> <p style="font-size: small; margin-top: 10px;">- This stone can be used as a kitchen worktop or in shower areas, but is more susceptible to staining and discolouring in these applications.- The polished finish is preferably used as a wall covering, as a floor finish only to be used in areas with limited wear resistance requirements, eg bathroom.</p>		<b>Internal Applications</b>	<b>Outdoor Applications</b>	<ul style="list-style-type: none"> <li>- Inside Paving</li> <li>- Wall cladding</li> <li>- Worktops</li> <li>- Decorative cut-to-size</li> <li>- Stairs</li> <li>- Shower</li> <li>- Swimming pool surround</li> </ul>	<ul style="list-style-type: none"> <li>- Patio</li> <li>- Facade cladding</li> <li>- Gravestones and monuments</li> <li>- Swimming pool surround</li> </ul>
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<b>Applications</b>						
<b>Recommendations</b>						

Hardness (Mohs)	Weight	Water absorption	Porosity
			
3	2572 kg/m <sup>3</sup>	NPD*	1,08 %
	EN 1936		EN 1936
Compressive strength	Flexural strength	Wear resistance	FROSt RESISTANCE
			
97,3 ± 0,33 MPa	10,9 ± 0,96 MPa E- = 8,2 MPa	22,51 mm	frost resistant
EN 1926	EN 12371	EN 14157	EN 12371

NPD\*: geen technische gegevens beschikbaar - no technical data available - pas d' informations techniques disponibles

## SINAI PEARL

### Observations and recommendations

- Shades of color and / or granulometry may be present between the different batches and even within the same batch.
- Veins and / or fossils may appear due to geological formation. These are not technical defects and they are part of the material.
- Some open pores and veins can be filed / masticated in production. Thin open veins and spots may appear after installation.
- Small holes and / or microcracks can sometimes appear in this natural stone.
- The stone also contains stylolitic veins that may emerge after some time. This phenomenon is part of the structure of the material and has no influence on the durability of the stone.
- Due to the mineralogical composition, this material is not resistant to acids.
- The presence of iron is more or less important in this stone. It is an intrinsic characteristic of the material. This presence can not be detected in advance and can not be deliberately avoided.

### Installation

<b>General</b>
<b>Installation system</b>
<b>Joint Width</b>

General procedures of good workmanship should be followed when laying the tiles (cfr. BBRI: Belgian Building & Research Institute ref. 137 Guide for Installing - Natural Stone and ref. 213). Immediately after delivery, the material will be stored indoors or at least protected from rain, wind and frost. If slabs are damaged or broken, the supplier must be informed before installation. They will then be used, as far as possible, against walls or for certain cuts. Before installation, the installer will examine the slabs (previously dried) with the client and / or the architect to check for any deviations from the samples. The slabs will be carefully mixed before laying, in order to obtain a harmonious distribution of colors and various shades of the material. Important: "Installation means acceptance!", It means that AFTER the installation, no more claims will be possible, except for hidden defects.

#### Flooring Inside

The tiles are installed with a flexible adhesive (eg BELTRAFLEX) on a dry screed. When installing in combination with underfloor heating, the supplier's instructions must be strictly followed (see also the brochure on this subject from the BBRI-TI 179 and 189).

#### Exterieur Flooring

The laying is done on a draining sub-layer. Avoid laying on concrete, because the water stagnates more easily on the surface and the terrace may freeze in winter. If you still opt for a concrete structure, apply a draining mat to the concrete before laying.

3 - 5 mm (sawn edges)  
5 - 8 mm (tumbled edges)

4 - 6 mm (sawn edges)  
5 à 8 mm (tumbled edges)

;

### Maintenance

<b>General</b>
<b>First cleaning</b>
<b>Regular maintenance</b>
<b>Protection</b>
<b>Recommendations</b>

For more information on maintenance, see the document entitled "Care instructions" (available from us). We recommend that you follow these instructions so as not to damage the stone. The products used must be suitable for the materials. Follow the manufacturer's advice. In general, it must be stated that no moisture may be exaggerated when maintaining natural stone!

First cleaning with a suitable cleaning agent (eg Lithofin Multi-Cleaner - note: does not contain acid) applicable one week after rejoining the floor. If a cement veil should appear, use the same product combined with a single-disc machine.

Use for regular maintenance a product suitable for natural stone, such as Lithofin Wash & Clean. In order to better protect the surface finish, we advise to treat it periodically (1 to 2 times per month) with a nourishing product for natural stone, such as Lithofin Care-Sheen.

When the floor is completely dry we strongly recommend to protect sensitive areas (kitchen, bathroom, etc.) with a suitable sealer (e.g. Lithofin MN Stain Stop ECO).

Do not use any acid-based products for the maintenance of this natural stone.