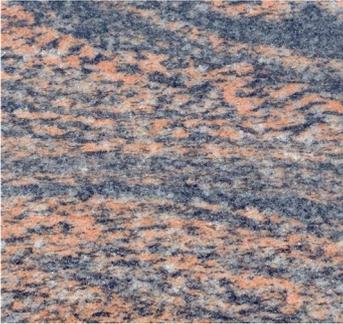


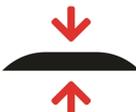
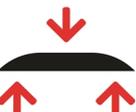
# BARARP

	<b>Origin</b>	On the coast between Halmstad and Falkenberg; South Sweden
	<b>Petrographic classification</b>	Metamorphic rock - foliated rocks - Gneiss (EN 12670)
	<b>Appearance</b>	Granite with a moderately coarse grain size and a red-black banded structure.
	<b>Alternative names</b>	Halmstad

## Usage

<b>General</b>	The stone and surface finish should be selected depending on the intended use.
<b>Applications</b>	
<b>Recommendations</b>	

<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> </ul>	<ul style="list-style-type: none"> <li>- Patio</li> <li>- Drive ways</li> <li>- Facade cladding</li> <li>- Gravestones and monuments</li> </ul>

<b>Hardness (Mohs)</b>	<b>Weight</b>	<b>Water absorption</b>	<b>Porosity</b>
			
6-7	2680 kg/m <sup>3</sup>	0,1 %	NPD*
	EN 1936	EN 13755	
<b>Compressive strength</b>	<b>Flexural strength</b>	<b>Wear resistance</b>	<b>FROSt RESISTANCE</b>
			
191 MPa	21,7 MPa	NPD*	NPD*
EN 1926	EN 12372		

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

# BARARP

## Observations and recommendations

- Small pits and / or hairline cracks can sometimes occur with this material.
- Shades of color and / or granulometry may be present between the different batches and even within the same batch.
- Small holes and / or microcracks can sometimes appear in this natural stone.
- It should be considered that the arrangement of certain minerals creates a focus on the slabs and tiles. A "turned" plate is particularly disturbing on larger surfaces. This must be taken into account when installing.
- Concentrations of minerals and / or veins may appear. These were created during the formation of the stone and are not technical defects. They are therefore part of the material.
- At the site of darker mineral concentrations, the surface may appear slightly duller in backlighting.

## 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.

<b>Flooring Inside</b>	<b>Exterieur Flooring</b>
<p>The tiles will be laid on a dry screed using a flex glue such as Beltraflex or a ready-to-use white mortar for natural stones. In the case of installation with underfloor heating, it is advisable to strictly follow the supplier's instructions (see also the brochures of the BBRI - TI 179 and 189).</p>	<p>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.</p>
3 - 5 mm (sawn edges)	4 - 6 mm (sawn 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) applicable one week after the rejoining of the floor. If a cement veil should appear, use a product to remove the cement (eg: Lithofin Cement remover - attention: contains acid).

Use for regular maintenance a product suitable for natural stone, such as Lithofin Wash & Clean.

When the floor is completely dry sensitive areas (kitchen, bathroom, etc.) can be protected with a suitable sealer (e.g. Lithofin Stain Stop 'W')