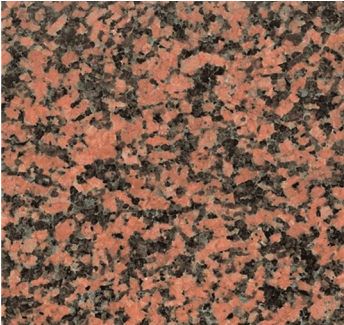





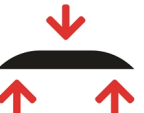




BALMORAL FIN GRAIN

	Origin	Taivassalo; Finland
	Petrographic classification	Magmatic rocks - intrusive rock - Granite (EN 12670)
	Appearance	Red-black, evenly speckled granite with a medium coarse grained structure.
	Alternative names	

Usage

General	<p>The stone and surface finish should be selected depending on the intended use.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border: 1px solid black; padding: 5px;"> <div style="background-color: black; color: white; text-align: center; padding: 2px;">Internal Applications</div> <ul style="list-style-type: none"> - Inside Paving - Wall cladding - Worktops - Decorative cut-to-size - Stairs - Shower - Swimming pool surround </td> <td style="width: 50%; border: 1px solid black; padding: 5px;"> <div style="background-color: black; color: white; text-align: center; padding: 2px;">Outdoor Applications</div> <ul style="list-style-type: none"> - Patio - Drive ways - Facade cladding - Gravestones and monuments - Swimming pool surround </td> </tr> </table>		<div style="background-color: black; color: white; text-align: center; padding: 2px;">Internal Applications</div> <ul style="list-style-type: none"> - Inside Paving - Wall cladding - Worktops - Decorative cut-to-size - Stairs - Shower - Swimming pool surround 	<div style="background-color: black; color: white; text-align: center; padding: 2px;">Outdoor Applications</div> <ul style="list-style-type: none"> - Patio - Drive ways - Facade cladding - Gravestones and monuments - Swimming pool surround
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Applications				
Recommendations				

Hardness (Mohs)	Weight	Water absorption	Porosity
			
6-7	2640 kg/m³	0,12 %	NPD*
	EN 1936	EN 13755	
Compressive strength	Flexural strength	Wear resistance	FROSt RESISTANCE
			
171 MPa	13,1 MPa	17 mm	frost resistant
EN 1926	EN 12372	EN 14157	EN 12371

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

Observations and recommendations

<ul style="list-style-type: none"> - Shades of color and / or granulometry may be present between the different batches and even within the same batch. - At the site of darker mineral concentrations, the surface may appear slightly duller in backlighting. - 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.

BALMORAL FIN GRAIN

Installation

General
Installation system
Joint Width
;

<p>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.</p> <p>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.</p> <p>Important: "Installation means acceptance!". It means that AFTER the installation, no more claims will be possible, except for hidden defects.</p>					
<table border="1" style="width: 100%; background-color: black; color: white;"> <tr> <th style="text-align: center; padding: 5px;">Flooring Inside</th> </tr> <tr> <td style="padding: 10px;"> <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> </td> </tr> </table>	Flooring Inside	<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>	<table border="1" style="width: 100%; background-color: black; color: white;"> <tr> <th style="text-align: center; padding: 5px;">Exterieur Flooring</th> </tr> <tr> <td style="padding: 10px;"> <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> </td> </tr> </table>	Exterieur Flooring	<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>
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3 - 5 mm (sawn edges)	4 - 6 mm (sawn edges)				
;					

Maintenance

General
First cleaning
Regular maintenance
Protection
Recommendations

<p>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!</p>
<p>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).</p>
<p>Use for regular maintenance a product suitable for natural stone, such as Lithofin Wash & Clean.</p>
<p>When the floor is completely dry sensitive areas (kitchen, bathroom, etc.) can be protected with a suitable sealer (e.g. Lithofin Stain Stop 'W')</p>