





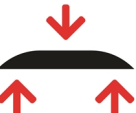




BLANC PERLE

	Origin	Penalva do Castelo; Portugal
	Petrographic classification	Magmatic rocks - intrusive rock - Monzogranite (EN 12670)
	Appearance	White to beige-gray granite with a moderately coarse-grained and homogeneous structure.
	Alternative names	Branco Emilia; Cinza Penalva; Cinzento Penalva

Usage

General	<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;">Internal Applications</td> <td style="background-color: black; color: white; text-align: center; padding: 5px;">Outdoor Applications</td> </tr> <tr> <td style="padding: 5px;"> <ul style="list-style-type: none"> - Inside Paving - Wall cladding - Worktops - Decorative cut-to-size - Stairs - Shower </td> <td style="padding: 5px;"> <ul style="list-style-type: none"> - Patio - Drive ways - Facade cladding - Gravestones and monuments </td> </tr> </table>		Internal Applications	Outdoor Applications	<ul style="list-style-type: none"> - Inside Paving - Wall cladding - Worktops - Decorative cut-to-size - Stairs - Shower 	<ul style="list-style-type: none"> - Patio - Drive ways - Facade cladding - Gravestones and monuments
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Applications						
Recommendations						

Hardness (Mohs)	Weight	Water absorption	Porosity
			
6-7	2676 ± 14,2 kg/m³	0,4 %	0,6 ± 0,0 %
	EN 1936	EN 13755	EN 1936
Compressive strength	Flexural strength	Wear resistance	FROST RESISTANCE
			
193,5 ± 10 MPa E- = 173,1 MPa	16,0 ± 1 MPa E- = 14,7 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.

BLANC PERLE

Installation

General
Installation system
Joint Width
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<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>					
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3 - 5 mm (sawn edges)	4 - 6 mm (sawn edges)				
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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>