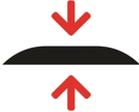
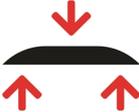


## BIANCO CRISTAL

	<b>Origin</b>	Cadalso de los Vidrios; Madrid; Spain
	<b>Petrographic classification</b>	Magmatic rocks - intrusive rock - Granite (EN 12670)
	<b>Appearance</b>	White granite with a fine to medium grain and a homogeneous distribution of minerals. Mineral concentrations can occur, resulting in larger black or white spots.
	<b>Alternative names</b>	Blanc Cristal; Crystal White

### Usage

<b>General</b>	<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;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="background-color: black; color: white; padding: 2px;">Internal Applications</th> </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> </ul> </td> </tr> </table> </td> <td style="width: 50%; border: 1px solid black; padding: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="background-color: black; color: white; padding: 2px;">Outdoor Applications</th> </tr> <tr> <td style="text-align: center; padding: 10px;">not suitable for external applications</td> </tr> </table> </td> </tr> </table>		<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="background-color: black; color: white; padding: 2px;">Internal Applications</th> </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> </ul> </td> </tr> </table>	Internal Applications	<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> </ul>	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="background-color: black; color: white; padding: 2px;">Outdoor Applications</th> </tr> <tr> <td style="text-align: center; padding: 10px;">not suitable for external applications</td> </tr> </table>	Outdoor Applications	not suitable for external applications
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Outdoor Applications								
not suitable for external applications								
<b>Applications</b>								
<b>Recommendations</b>								

Hardness (Mohs)	Weight	Water absorption	Porosity
			
6-7	2640 kg/m <sup>3</sup>	0,3 %	0,9 %
	EN 1936	EN 13755	EN 1936
Compressive strength	Flexural strength	Wear resistance	FROST RESISTANCE
			
193 ± 16 MPa E=- 163 MPa	14,8 ± 0,9 MPa E=- 13,1 MPa	17,0 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

# BIANCO CRISTAL

## 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.
- 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.
- 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.
- This material is moisture sensitive (type I staining, see TV 213 of the BBRI).

## 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.

<div style="background-color: black; color: white; padding: 2px 5px;"><b>Flooring Inside</b></div> <div style="padding: 5px;"> <p>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).</p> </div>	<div style="background-color: black; color: white; padding: 2px 5px;"><b>Exterieur Flooring</b></div> <div style="padding: 5px;"> <p>Not suitable for outdoor paving</p> </div>
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3 - 5 mm (sawn edges)

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## 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')