

**DADOS DO ITEM - FICHA TÉCNICA**

<b>Código</b>	30X90 PB BLANCO BRILHANTE R PRI.	<b>Item</b>	2000000000000015274
<b>Terminar</b>	Brilho - Retificado	<b>Grupo de absorção</b>	BIII - Poroso
<b>Variação de tonalidade / N. faces</b>	V1 - Variação uniforme de tonalidade	1	<b>Código SH</b> 69072300
<b>DOC/DOP</b>	CP0001REV01072013	<b>UPEC / WallPEC</b>	Não se aplica
<b>Usar</b>	Paredes internas.		
<b>Recomendações de instalação</b>	Não colar mais de 20% do comprimento da peça. Em áreas com alta presença de água (banheiros, chuveiros, cozinhas, ...) use uma junta impermeável.		

**CARACTERÍSTICAS TÉCNICAS**

TESTE	ISO 13006 / UNE EN 14411	GRUPO HALCON
<b>ISO 10545-2</b> Comprimento e largura	± 0,3% / ± 1 mm <sup>(3)</sup>	300 ± 0,5 mm x 900 ± 0,5
<b>Grossura</b>	± 10% / ± 0,5 mm <sup>(3)</sup>	8,0 ± 5%
<b>Retidão dos lados</b>	± 0,3% / ± 0,8 mm <sup>(3)</sup>	± 0,6 mm
<b>Retangularidade</b>	± 0,3% / ± 1,5 mm <sup>(3)</sup>	± 1,3 mm
<b>Curvatura central</b>	± 0,4% / ± 1,8 mm <sup>(3)</sup>	- 0,6 mm / + 1,5 mm
<b>Curvatura da borda</b>		- 0,6 mm / + 1 mm
<b>Deformação</b>		- 0,4 mm / + 0,6 mm
<b>ISO 10545-3</b> Absorção de água	Ev > 10 % (mín. 9% - máx.)	17% <sup>(2)</sup>
<b>ISO 10545-4</b> Resistência à ruptura	≥ 200 N	950 N <sup>(2)</sup>
<b>Módulos de ruptura</b>	≥ 12 N/mm <sup>2</sup>	25 N/mm <sup>2</sup> <sup>(2)</sup>
<b>ISO 10545-5</b> Resistência ao impacto	Método de teste disponível	Resiste
<b>ISO 10545-6</b> Abrasão profunda (não vitrificada)	Não aplicável	Não aplicável
<b>ISO 10545-7</b> Resistência à abrasão (esmaltado)	Declarar abrasão	Não aplicável
<b>ISO 10545-8</b> Coeficiente de expansão térmica linear	Valor declarado	5,5 x 10 <sup>-6</sup> °C <sup>-1</sup>
<b>ISO 10545-9</b> Resistência ao choque térmico	Solicitado	Resiste
<b>ISO 10545-11</b> Resistência à fissuração (esmaltado)	Solicitado	Resiste
<b>ISO 10545-12</b> Resistência à geada	Não aplicável	Não
<b>ISO 10545-13</b> Resistência a produtos químicos	Mín. HB / LB / B	A - LA - HA
<b>ISO 10545-14</b> Resistência a manchas	Min. 3	5
<b>ISO 16165</b> Anexo A - DIN 51130	Declarar valor	Não aplicável
Anexo B - DIN 51097	Declarar valor	Não aplicável
Anexo C - UNE 41901	Declarar valor	Não aplicável

(1) Ver tabela de tamanhos no catálogo # dados técnicos  
 (2) Valor médio obtido nas produções testadas  
 (3) Aplicar o valor mais restritivo

**ADVICE ON INSTALLATION, FINAL CLEANING OF THE SITE AND MAINTENANCE. See QR code printed on our boxes.**

**INSTALLATION.**

Before installation, check quality, tone and caliber delivered so that there are no differences or errors in your delivery. Products weighing >25kg/box, must be handled by 2 people.

Verify and ensure the leveling of the support. For a correct fixation of the ceramic product, it is recommended to consult the EN 12004 standard for adhesives for ceramic tiles. The installation with "globs" or "paddle tip" is totally discouraged, since they do not guarantee the correct adhesion of the ceramic tile to the support, and generate weak points in the floor/wall tile. After gluing and settling, solid with a white rubber mallet.

Plan the installation and open only the necessary boxes to avoid the generation of packaging waste, waste from cut parts. Use adhesives that are free of hazardous substances and environmentally friendly.

Separate the waste generated by type to facilitate its subsequent recycling and follow the waste management regulations in your country.

**IMPORTANT.** In the case of cutting the tiles, FFP3 type respiratory protection must be used in order not to inhale the dust that is released from this process. It is recommended to do wet cutting to reduce the emission of this powder or ruby cutting.

For rectangular products, locking installation exceeding 20% of the length of the pieces is not recommended.

Levelling systems are not a substitute for spacers, spacers, tees, etc. The width of the levelling system must always be less than the width of the laying joint. In the case of using this system, the installation with the double gluing method is always recommended. It is recommended to use at least 4 levelers for lengths > 60 cm, 3 between ≤ 60 to 30 cm, and 2 levelers for lengths < 30 cm.

For the generation of the installation joint between the adjacent ceramic tiles, it is necessary to use spacers to ensure the uniformity of the thickness of these joints. If the tiles are laid without joints, in contact with each other, the accumulated stresses can cause lifting, bulging and de-canting of the tiles.

Below is a table with the amplitude of each movement joint to be executed on site:

LOCATION	TYPE OF GASKET		JOINT WIDTH
Interior	Installation	Between rectified/non-rectified tiles	≥ 2 mm / ≥ 3 mm
		Between rectified/non-rectified tiles on underfloor heating	≥ 3 mm / ≥ 5 mm
	Perimeter	Floor/wall meeting and wall/ceiling delivery	≥ 8 mm
		Delivery wall/wall and delivery of other construction elements	≥ 5 mm
Dilatation	Every 6 to 8 linear m		
Outside	Installation	Between tiles	≥ 3 mm
	Perimeter	Interior and exterior corners of the building	≥ 8 mm
		Deliver other construction elements	≥ 5 mm
	Dilatation	Below each slab	≥ 8 mm
Every 3 – 4 linear m or in an area of 16 m2			

Grouting. Before grouting, check with the manufacturer for the drying time of the adhesive. It is not recommended to use colored mortars or fillers in contrast to the tiles (for example, white floor with anthracite, black or brown grout). In areas where the presence of water is high (bathrooms, showers, kitchens, etc.), it is recommended to use a waterproof or epoxy joint, in order to waterproof the wall and protect the supports and tiles from moisture.

**IMPORTANT.** After the installation of the ceramic flooring and its grouting to protect from the rest of the work trades, to avoid aggressions or damage that may be registered by the transit of professionals who attend the area.

**FINAL CLEANING OF THE WORK AND MAINTENANCE**

It is important to remove all the residue from the installation process, so after installation, proceed to wash the floor and/or cladding, before these adhesives harden. We recommend the following products:

STAIN	FABER - FILA
Epoxy residue	EPOXY CLEANER - CR10
Cementitious residue, efflorescence, rust, wall paint	CEMENT REMOVER – DETERDEK PRO
Stubborn dirt, plaster, metal marks and residue, fingerprints and shadows	TILE CLEANER – DETERDEK PRO
Colored (coffee, wine, nicotine, marker, dye, urine, vomit, acidic drinks)	COLOURED STAIN REMOVER – PS 87 PRO POLISHING CREAM: Shine Restoration
Oil, food, grease, tire or rubber marks, wax	DEEP DEGREASER – PS 87 PRO / CLEANER PRO OIL & GREASE REMOVER: removal of polished stains

Daily cleaning and maintenance, we recommend using environmentally friendly products. Do not clean the newly installed material with acidic products so as not to affect the adhesive and grout. Once the installation has set, if acid products are applied, it is advisable to carry out a previous test to verify the effectiveness of the installation and the non-effect on the ceramic product. Once the surface has been cleaned, rinse with plenty of water and change this so as not to leave residues on the surface of the tiles.

In the case of flooring with anti-slip or "anti-slip" characteristics, indicate that any maintenance, treatment and/or improper use could affect the performance of the product and its slippage, and especially those cleaning actions with mechanical equipment.

Grupo Halcón S.L.U. will not be responsible for an inadequate installation and/or maintenance and/or in accordance with the recommendations contained in this document and the UNE EN 138002 Standard. Claims for installed material will not be accepted.

## DECLARATION OF PERFORMANCE

No. CP0001REV01072013

1. UNIQUE IDENTIFICATION CODE OF THE PRODUCT TYPE  
**DRY-PRESSED CERAMIC TILES, WITH WATER ABSORPTION Eb>10%, TIPO 4**
2. INTENDED USE(S)  
**FOR INTERNAL WALLS**
3. NAME OR REGISTERED TRADE MARK AND CONTACT ADDRESS OF THE MANUFACTURER  
**HALCÓN CERÁMICAS, S.L.U.**  
**Partida Foyes Ferraes s/n 12110 Alcora (Castellón) Spain**  
[contacto@grupohalcon.com](mailto:contacto@grupohalcon.com)  
[www.grupohalcon.com](http://www.grupohalcon.com)
4. SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE (AVCP):  
**SYSTEM 4**
5. NAME AND IDENTIFICATION NUMBER OF NOTIFIED LABORATORY, **NOT APPLICABLE**
6. DECLARED PERFORMANCES

Essential characteristics	Performance		Spécifications techniques
Reaction to fire	Class A1		EN 14411:2012
Released of dangerous substance, for:	Cadmium	NPD	
	Lead	NPD	
Breaking strength	E<7,5mm	Min. 200 N	
	E≥7,5mm	Min. 600N	
Slipperiness	NPD		
Tactility	NPD		
Bond strength / adhesion, for:			
Cementitious Adhesive Type C1	>0,5 N/mm <sup>2</sup>		
Thermal shock resistance	Pass		
Durability for:			
Internal used	Pass		

The performance of the product identified above is in conformity with the declared performance, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer indicated above.

**Signed for and on behalf of the manufacturer by:**  
**Managing Director: François Brendel**

Signed:



L'Alcora, Castellón 23 May, 2023