

DECLARATION OF PERFORMANCE

Date : 12th Feb 2022

No: Ceramic/01/2019

1. Unique identification of the product type: Ceramic Tile, with Water absorption $E_b \leq 0,5\%$
2. Type No. **Vitrified Tiles.**
3. Intended use of the construction product, in accordance with EN ISO 10545:1997, 10545:2012 and 10545:2015 **Outdoor Paving.**
4. System of assessment and verification of constancy of performance: **System 4.**
5. Harmonized standard reference ISO 10545:1997, 10545:2012 and 10545:2015.
(a) Initial type testing as per UNE-EN ISO 10545-3:1997, 10545-12:1997, 10545-6:2012, 10545-4:2015 and DIN 51130:2014.
(b) Factory Production Control as per EN ISO 10545:1997, 10545:2012 and 10545:2015.
6. Declared Performances:

Essential Characteristics	Performance Value	Relevant Clause
Freez/Thaw resistance Before and after 100 cycles	No defects	UNE-EN ISO 10545-12:1997
Freez/Thaw resistance (De-icing Salts)	NPD (No National Annex to std)	
Slip resistance (Wet value)	21.5 ⁰	DIN 51130:2014-02 and ISO 10545- 17:2017 Method "C"
Water Absorption (Mean Value)	0.01%	UNE-EN ISO 10545-3:1997
Deep Abrasion Resistance (Mean Value)	119	UNE-EN ISO 10545-6:2012
Release of dangerous Substances	NPD (No National Annex to std)	
Bending strength ≥ 1300 N	10082N	UNE-EN ISO 10545-4:2015
Bending Resistance	40,0 (N/mm ²)	UNE-EN ISO 10545-4:2015
Critical Angle of slip	22,8 ⁰ CLASS R11	DIN 51130:2014 Apdo.5(*) (1)
Bond Strength, (MPa) (Sealant Joint Adhesive for Tiles)	4.4	ASTM C882-13a
Resistance to Thermal Shock (Sealant Joint Adhesive for Tiles)	PASS	ISO:10545-9-2013

7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.