

TECHNICAL FEATURES	
Collection: Essential brick glossy	Brand: Z Collection
Size (cm): 6x24	Thickness (mm): 10

Compliant with standard EN 14411:2016 annex G group Bla - UGL
Compliant with standard ISO 13006:2018 annex G group Bla - UGL

Technical Features	Testing Method	Meas. unit	Average Typical Values	Established limits			
DIMENSIONAL PROPERTIES AND SURFACE QUALITY							
Dimensions				Nominal Length of edge N (cm) 7≤N<15	Nominal Length of edge N (cm) N≥15		
Length and width (*)	ISO 10545-2	(mm) (%)	Complies with the standards	±2% (max 5mm)	±2% (max 5mm)	±2% (max 5mm)	
Length and width (**)							
Not Rectified			± 0.6% (±2.0 mm)	±0,9 mm	±0,6%	±2,0 mm	
Rectified				± 0,4 mm	±0,3 %	±1,0 mm	
Thickness							
Not Rectified			Complies with the standards	±0,5 mm	±5%	±0,5 mm	
Rectified				±0,5 mm	±5%	±0,5 mm	
Straightness of sides							
Not Rectified			± 0.2% (±1.5 mm)	±0,75 mm	±0,5 %	±1,5 mm	
Rectified				±0,4 mm	±0,3 %	±0,8 mm	
Rectangularity							
Not Rectified			± 0.2% (±1.5 mm)	±0,75 mm	±0,5%	±2,0 mm	
Rectified				±0,4 mm	±0,3%	±1,5 mm	
Surface Flatness c.c - e.c. - w.							
Not Rectified			± 0.3% (±1.5 mm)	±0,75 mm	±0,5%	±2,0 mm	
Rectified				±0,6 mm	±0,4%	±1,8 mm	
Surface Quality				Complies with the standards	≥95%		
Technical Features	Standard Method		Average Declared Value	Requirements			

TECHNICAL FEATURES	
Collection: Essential brick glossy	Brand: Z Collection
Size (cm): 6x24	Thickness (mm): 10

Technical Features	Testing Method	Meas. unit	Average Typical Values	Established limits
PHYSICAL PROPERTIES				
Water absorption	ISO 10545-3	(%)	≤ 0,5	Eb ≤ 0,5 (Individual maximum value 0,6%)
Water absorption	ASTM C373-14	(%)	≤ 0,5	≤ 0.50%
Modulus of rupture	ISO 10545-4	(N/mm2)	≥ 35	R ≥35 (Individual minimum value 32 N/mm2)
Breaking Strength	ISO 10545-4	(N)	≥ 1300	≥1300 (Thickness ≥7,5 mm) ≥700 (Thickness < 7,5 mm)
Breaking Strength	ASTM C648-04	(LBF)	≥ 250	Average ≥ 275 lbf (1.22 kN) Individual ≥ 250 lbf (1.11 kN)
Resistance to deep abrasion	ISO 10545-6	(mm3)	≤ 175	≤175
Linear thermal expansion coefficient	ISO 10545-8	(x(10)-6/°C)	≤ 9	Declared value (EN 14411:2016) Test Method available (ISO 13006:2018)
Thermal shock resistance	ISO 10545-9		Complies with the standards	Declared value (EN 14411:2016) **** Test Method available (ISO 13006:2018)
Frost resistance	ISO 10545-12		Complies with the standards	Pass according to EN ISO 10545-1 (EN 14411:2016) Required (ISO 13006:2018)
Color resistance to light exposure	DIN 51094		Complies with the standards	No sample must show noticeable colour modifications.

- (1) Whichever is less.
- (2) May not apply to textured surfaces or tiles with uneven back patterns.
- (3) Whichever is less, for tiles up to 24” (610 mm) on any side
- (4) Applies to tiles larger than 24” (610 mm) on any side
- (5) Glazed tiles only.
- (6) When installation subject to freeze/thaw conditions.
- (7) For Level interior spaces expected to be walked upon when wet (see Section 6.2.2.1.10)
- (8) Class V0 tile only

TECHNICAL FEATURES	
Collection: Essential brick glossy	Brand: Z Collection
Size (cm): 6x24	Thickness (mm): 10

Technical Features	Testing Method	Meas. unit	Average Typical Values	Established limits
CHEMICAL PROPERTIES				
Resistance to chemicals for household use and swimming pool salts	ISO 10545-13		A	UB Minimum (EN 14411:2016) UB Minimum (ISO 13006:2018)
Resistance to low concentrations of acids and alkalis	ISO 10545-13		LA	Declared value (EN 14411:2016) Test Method available (ISO 13006:2018)
Resistance to high concentrations of acids and alkalis	ISO 10545-13		HA	Declared value (EN 14411:2016) Test Method available (ISO 13006:2018)
Chemical Resistance	ASTM C650-04		Not affected	Declared Value
Stain resistance	ISO 10545-14		Class 5	Declared value (EN 14411:2016) Test Method available (ISO 13006:2018)
Stain resistance	ASTM C1378-04			Declared Value
ANTISLIPPERY PROPERTIES				

* The work size shall be chose, for non-modular tiles, so that the difference between the work size and the nominal size is:

** The deviation, in percent, of the average size for each tile (2 or 4 sides) from the work size..

**** See Table 2 for uses where it is applicable

c.c. Centre curvature, related to diagonal calculated from the work sizes

e.c. Edge curvature, related to the corresponding work sizes.

w. Warpage, related to diagonal calculated from the work sizes.

TECHNICAL FEATURES	
Collection: Essential brick glossy	Brand: Z Collection
Size (cm): 6x24	Thickness (mm): 10

[PAGINA VOLUTAMENTE LASCIATA IN BIANCO]
[PAGE INTENTIONALLY LEFT BLANK]
[PAGINA DEJADA EN BLANCO INTENCIONADAMENTE]
[CETTE PAGE A ETE LAISSEE DELIBEREMENT BLANCHE]
[SEITE WURDE ABSICHTLICH LEER GELASSEN]