



HAPPY FLOORS



DIGITAL INKJET TILE



TECHNICAL SPECIFICATIONS

Porcelain tiles



Glossy tiles

Group: Blb
(Water absorption between 0.5% $E \le 3\%$)

Natural tiles

Group: Bla
(Water absorption <math>< 0.5\%</math>)

Nº 15
of changes:



Thickness 0.41"
12"x24"
24"x24"

Shade variation:
Nº V2 Slight

Technical features glazed porcelain stoneware.
Conforming to Standards EN 14411 ISO 9001:2088 APP. G (Group Bla GL)

	WATER ABSORPTION ISO 10545-3	MODULUS OF RUPTURE ISO 10545-4	UNE-EN-ISO 10545-7
NATURAL	Bla $E \le 0.5\%$ ACCORDING	>1300N ACCORDING	REQUIRED IV
GLOSSY	Bla $0.5\% < E \le 3\%$ ACCORDING	>1100N ACCORDING	REQUIRED III

	UNE-EN-ISO 10545-13 LOW CONCENTRATION	UNE-EN-ISO 10545-13 HIGH CONCENTRATION	UNE-EN-ISO 10545-13 DOMESTIC CHEMICAL
NATURAL	REQUIRED GLB	REQUIRED GHB	REQUIRED GLB
GLOSSY	REQUIRED GLA	REQUIRED GHB	REQUIRED GLB

	UNE-ENV 2633:2003	UNE-EN 67 101	ASTM TEST C-1028-96
NATURAL	CLASS 1 (Interior use only)	4	Dry: 0.70 Wet: 0.60
GLOSSY	CLASS 1 (Interior use only)	3	Dry: 0.70 Wet: 0.40

ISO 10545-3: Determining water absorption.
UNE-ENV 12633:2003: Determining slip resistance.
UNE-EN-ISO 10545-13:
Determining resistance to cleaning products and swimming pool reagents.
UNE-EN-ISO 10545-7: Determining resistance to the surface abrasion.
UNE-EN 67101: Determining resistance to scratch.
ASTM C-1028-96: Determining coefficient of friction.



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Nidia PORCELAIN



Nidia PORCELAIN



Nidia Brillo (Glossy) **RECTIFIED EDGE**
24" x 24"

Nidia Natural **RECTIFIED EDGE**
24" x 24"



Nidia Brillo (Glossy) **RECTIFIED EDGE**
12" x 24"

Nidia Natural **RECTIFIED EDGE**
12" x 24"



2x2 Mosaic Nidia Natural
(12"x12" Sheet)



Nidia Bullnose Brillo (Glossy)
3" x 24"

Nidia Bullnose Natural
3" x 24"



GROUT JOINT REQUIRED FOR RECTIFIED EDGE TILE, 1/2 BROKEN JOINT NOT RECOMMENDED