

# 10thirty<sup>®</sup> Frost Proof

glazed wall tiles

**Product description** Glazed, dry pressed porcelain body wall tiles, manufactured in accordance with EN 14411 Bla and ASTM standards. 10thirty wall tiles have one fully glazed 4" edge and are modular, including a 1/8" joint.

**Sizes** 4" x 12"

**Usage area** Our frost proof wall tiles may be used in residential and commercial environments. 10thirty 13210 and 13310 can be used exterior.

## Technical data / conformity standards

Technical data	ASTM test	Requirements	Royal Mosa
Water absorption	C 373	≤ 20%	3 - 6%*
Bond strength	C 482	≥ 50 psi	79 psi
Facial dimension (sides)	C 499	≤ 4%	+/- 0.4%**
Facial dimension (range)	C 499	≤ 0.6%	pass**
Range of thickness	C 499	≤ 0.031 inch	0.016 inch**
Actual thickness	C 499	-	0.31 inch = 10/32"
Warpage (edge)	C 485	-0.3 ≤ x ≤ 0.4%	+/- 0.2%**
Warpage (diagonal)	C 485	≤ 0.5%	+/- 0.4%**
Wedging	C 502	≤ 0.6%	+0.4 / -0.2%**
Crazing	C 424	150 psi	pass
Thermal shock	C 484	no evidence	pass
Freeze-thaw cycle	C 1026	-	frost proof

\* ISO 10545-3

\*\* ISO 10545-2

**Our limited warranty** Royal Mosa warrants that its first choice ceramic tiles are manufactured to ANSI-Standards A 137.1 and meet or exceed the requirements of the standard. Please consult the company's Terms and Conditions for Sale for complete product warranty details.

**Maintenance** Please consult our Cleaning and Maintenance leaflet.

Our wall tiles should not be installed on high shrinkage water beds. Our tiles should be installed in accordance with the current application guides of the Tile Council of America and/or American National Standards Institute guides and standards. Errors and omissions excepted. This technical product sheet replaces all previous versions. For the most actual version see [www.mosa.nl](http://www.mosa.nl).



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