

Glazed Wall Tiles

Product description Glazed, dry pressed ceramic wall tile, on white biscuit, conforming to EN 14411 BIII with a waterabsorption > 10%, not frost resistant, manufactured by a double fired system. The glazed wall tile collection is divided into various series. These can contain decor tiles as well as listels.
For more information see www.mosa.nl.

Product advantages Mosa wall tiles exceed the quality standard EN 14411 BIII (see technical data). Most Mosa wall tiles are modular, including a 3 mm joint. Mosa modular floor tiles may be installed with a narrow joint. Almost all Mosa wall tiles have at least one fully glazed edge. External corners are easier to construct using tiles with one glazed edge.

Product specification **Dimensions, thicknesses and names of ranges**

Modular size in cm incl. 3 mm joint	Production size in mm	Glazed edge	Mosa name of range
10 x 10	97 x 97 x 7.8	Yes	Mosa Colors, Kho Liang le Collection
10 x 20	97 x 197 x 6.3 97 x 197 x 9	Yes* Yes*	Cerawall, Global Collection Trocadero
10 x 30	97 x 297 x 7.8	Yes**	10thirty, Mosa Matt Collection®
15 x 15	147 x 147 x 5.4 151 x 151 x 5.4	Yes Yes	Casa, Mosa Colors, Foxtrot***, Global Collection, Holland 2025/2035 (e.g. 0490M), Mosa Matt Collection®, Vesta, Villa 0490****, 7000****, 9000****, Cerawall****
15 x 20	147 x 197 x 6.3	Yes*	Casa, Galactica, Holland 2025/2035, Holland 2040, Ledo, Madelan, Vesta, Villa
15 x 30	147 x 297 x 8	Yes**	15thirty Greys, 15thirty Warm & Cool, Mosa Colors, Global 15thirty, Mosa Matt Collection®
20 x 20	197 x 197 x 7.4	Yes	Holland 2025/2035
20 x 25	197 x 247 x 7.4	Yes*	Casa, Holland 2025/2035, Ledo, Vesta, Villa
20 x 60	197 x 597 x 11	Yes**	Mosa Mix & Mosaics
Other sizes			
15 x 45	147 x 446 x 10*****	--	Linea LED
25 x 33	247 x 327 x 8.3	Yes*	Holland Plus, Villa
30 x 45	297 x 446 x 10***** 297 x 447 x 9.3 297 x 447 x 9.3	-- Yes** Yes*	Linea LED Mosa Mix & Mosaics Piemonte, The White Collection
30 x 60	297 x 597 x 11	--	More than white

* The long side is normally glazed on rectangular tiles. In the dimension 15 x 20 cm, tiles with the short side glazed are available on request.

** The short side is glazed.

*** Different thickness: Foxtrot: 6.8 mm.

**** Not modular.

***** Rectified edges; to be installed with a minimum joint of 2 mm.

Price groups

See price group information under series in the Mosa documentation or www.mosa.nl.

Shades

Tiles are a natural product. Minor shade differences may occur. Mosa sorts products according shade which is printed on the box.

Glazed Wall Tiles

Technical data

Properties according standard EN 14411 BIII and Mosa standard

Property	ISO-Test	Standard EN 14411 BIII	Mosa standard
Length and width	10545-2	+/- 0.5%	+/- 0.4%
Thickness	10545-2	+/- 0.6 mm	+/- 0.4 mm
Straightness of sides	10545-2	+/- 0.3%	+/- 0.2%
Warpage	10545-2	+/- 0.5%	+/- 0.4%
Water absorption	10545-3	> 10%	19%
Bending strength	10545-4	15 N/mm ²	24 N/mm ²
Coefficient of linear thermal expansion	10545-8	$9 \times 10^{-6} [K^{-1}]$	$7.5 \times 10^{-6} [K^{-1}]$
Thermal shock resistance	10545-9	required	resistant
Frost resistance	10545-12	not required	not resistant
Chemical resistance against: Household chemicals Swimming pool salts	10545-13	required	GA*
Acids and alkalis		required	GLA**
Staining agents	10545-14	≥ 3	5

* GA = no visible effects, not even with pencil test. Does not apply for products with article number 13410.

** GLA = no visible effects (with low dosage). Does not apply for products with article number 13410.

Application

Wall tiles

All suitable mortars and adhesives may be used to fix of Mosa wall tiles. Please consult adhesive manufacturers for installation instructions.

Rectified wall tiles

Mosa rectified tiles satisfy strict requirements with respect to flatness, but to obtain a good, smooth tiled wall as an end-result, the wall on which the tiles are laid must be very flat and laying should be done by a professional expert. The use of floodlights also accentuates unevenness in the wall.

Mosa advises against laying as half-tiles.

Metallic-coloured

Wall tiles are sensitive to acid- and chlorine containing products, even when diluted. Tiles may stain. Any residual 'cement bloom' can be removed with a slightly alkaline basic cleaner, for example HMK R55 or HG Marble 'cement bloom' remover (diluted). Most household all purpose cleaners can be used for daily cleaning providing they do not contain any acid or chlorine agents; rinse with clean water immediately after cleaning. Cleaning agents containing any abrasive agent should not be used.

Natural stone listels

To avoid 'bleeding' in lighter natural stone shades the use of a white fast-bonding kit for the fixation of the tiles is advised. Under no circumstances you should use kit containing acid! We strongly recommend that you protect the surface of the listels with masking tape before and during fixing. This would prevent staining which would be difficult to clean after fixing.

Hollow backed listels

Should be installed with ready made adhesive with a notched trowel (max. 6 x 6 mm). The adhesive should be spread at right angles to the long edge of the listel. To improve the adhesion several 'dabs' of adhesive should be applied to the back of the listel but it should not fill the 'hollow back' completely.

Metallic-coloured listels

Should be protected with masking tape before grouting to prevent damage by brushing and rotating movements.

Aluminum listels and decors

Should only be installed using adhesive. The upper side of these have a protective cover to prevent and they should be installed with this protection left in place. They may be cut to size using a hacksaw. The cut edge should be polished after cutting.

Glass listels and decors

Can be installed to the wall but they must not come into contact with any cementitious agents, e.g. concrete and cement based tile adhesives.

Relevant Technical product sheets	10thirty wall tiles frost resistant Mosa Matt Collection® Linea LED More than white
Maintenance	Please consult Mosa documentation or www.mosa.nl
Sampling	showroomservice@mosa.nl ; Tel.: +31 (0)43 368 93 23
General inquiries	Sales Support: servicedesk@mosa.nl ; Tel.: +31 (0)43 368 92 29; Fax: +31 (0)43 368 93 56

The text for this Technical product sheet replaces all preceding versions and has been composed with the utmost care and in cooperation with the leading mortar and adhesive producers. All recommendations are based on current state-of-the-art knowledge. This Technical product sheet contains information about Mosa products, properties and applications, and therefore may not to be used as a guarantee for the stated recommendations. Mosa will not be held responsible should this information be used as a guarantee. For warranties and liability we refer to our General Terms and Conditions of Sale. No rights can be derived from the contents of this Technical product sheet. Errors and price alterations excepted. For the most actual version see www.mosa.nl.



Royal Mosa

Meerssenerweg 358
P.O. Box 1026
NL-6201 BA Maastricht
T +31 (0)43 368 92 29
F +31 (0)43 368 93 56
servicedesk@mosa.nl
www.mosa.nl

