

Mosa.

Colors

Wall tiles Gloss

16790 6 x 6 inch 6 x 12 inch	16660 4 x 4 inch 6 x 6 inch 6 x 12 inch	16690 6 x 6 inch 6 x 12 inch	16740 6 x 6 inch 6 x 12 inch	16900 4 x 4 inch 4 x 8 inch 4 x 12 inch 6 x 6 inch 6 x 12 inch						
18930 6 x 6 inch	17970 4 x 4 inch 6 x 6 inch 6 x 12 inch	17980 6 x 6 inch	17940 4 x 4 inch 6 x 6 inch 6 x 12 inch	17950 4 x 4 inch 6 x 6 inch 6 x 12 inch	17960 4 x 4 inch 6 x 6 inch	17900 4 x 4 inch 4 x 12 inch 6 x 6 inch 6 x 12 inch	17990 4 x 4 inch 6 x 6 inch	18910 4 x 4 inch 4 x 12 inch 6 x 6 inch	18920 6 x 6 inch 6 x 12 inch	16880 4 x 4 inch 4 x 8 inch 4 x 12 inch 6 x 6 inch 6 x 12 inch
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Satin

15010 4 x 4 inch 4 x 12 inch 6 x 6 inch 6 x 12 inch	
Size	Thickness
4 x 4 inch	0.31 inch
4 x 8 inch	0.25 inch
4 x 12 inch	0.31 inch
6 x 6 inch	0.22 inch
6 x 12 inch	0.28 inch

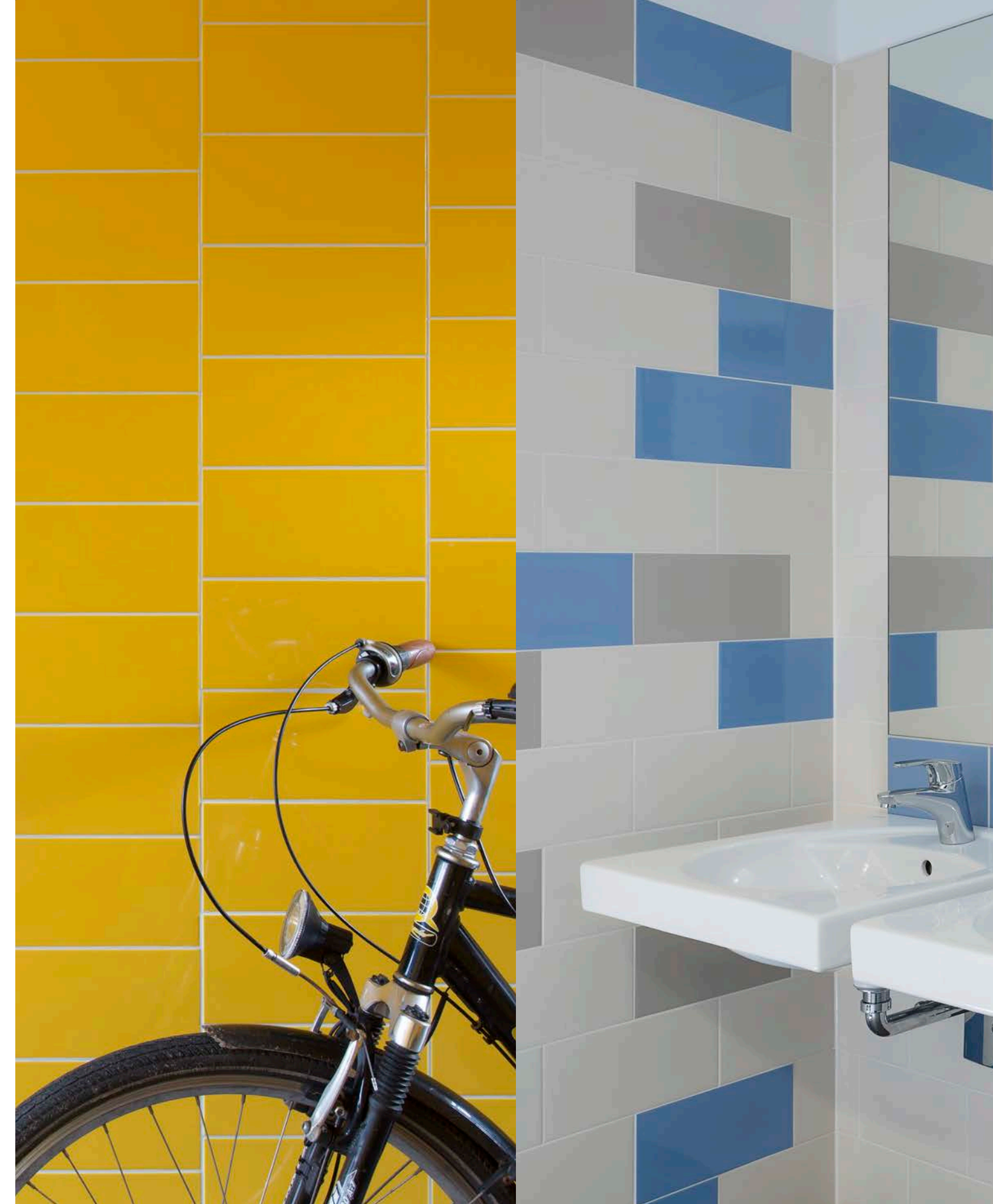
Note

All wall tiles have at least one glazed edge.
 4 x 4 inch - one glazed edge
 4 x 8 inch - 8 inch glazed edge
 4 x 12 inch - 4 inch glazed edge
 6 x 6 inch - one glazed edge
 6 x 12 inch - 6 inch glazed edge

The colours of corresponding item numbers in different sizes may slightly differ from one another.

Trimpieces

Accessories on order (special conditions apply).



Technical data / conformity standards

Wall tiles

Property	ASTM test	ISO test	Requirement ANSI A137.1, class P4	Standard Mosa
Water absorption	C 373		≤ 20 %	16.74 %
Bond strength	C 482		≥ 50 psi	79 psi
Facial dimension (sides)	C 499		± 4 %	2.65 ≤ x ≤ 2.92 %
Facial dimension (range)	C 499		± 0.6 %	0.27 %
Range of thickness	C 499		± 0.031 inch	0.009 ≤ x ≤ 0.010 inch
Actual thickness	C 499			4" x 4": 0.31 inch = 10/32" 4" x 8": 0.25 inch = 8/32" 4" x 12": 0.31 inch = 10/32" 6" x 6": 0.22 inch = 7/32" 6" x 12": 0.28 inch = 9/32"

Warpage (edge)	C 485	-0.3 ≤ x ≤ 0.4 %		max. -0.11 %
Warpage (diagonal)	C 485	± 0.5 %		max. -0.04 %
Wedging	C 502	± 0.6 %		max. -0.21 %
Crazing	C 424	150 psi		pass
Thermal shock	C 484	no evidence		pass
Breaking strength		10545-4	≥ 200 N	

Floor tiles

Property	ASTM test	Requirement ANSI A137.1, class P1	Standard Mosa
Facial dimension (range)	C 499	+/- 0.5 % or +/- 0.08"	4": +/- 0.5 % other sizes: +/- 0.3 %
Actual thickness (range) ^a	C 499	± 0.04"	≤ 0.02"
Warpage edge	C 485	+/- 0.5 % or +/- 0.07"	4": max. +/- 0.015" 6": max. +/- 0.025" 12": max. +/- 0.03" 4": max. -0.015" / +0.025" 6": max. +/- 0.03" 12": max. +/- 0.05"

Warpage diagonal	C 485	+/- 0.5 % or +/- 0.08"	+/- 0.5 % surface: < 0.1 % body: ≤ 0.3 % > 400 lbs
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Wedging	C 502	+/- 0.5 % or +/- 0.08"	> 200 psi > 6000 psi < 150 mm ³ (or < 0.01 in ³)
Water absorption	C 373	± 0.5 %	≥ 7 pass pass class A

Breaking strength	C 648	≥ 275 lbs (average) ≥ 250 lbs (individual)	V: ≥ 0.70 AS: > 0.63
Bond strength	C 482	≥ 50 psi	A1: Silver
Modulus of rupture	C 674	not required	
Deep abrasion	C 1243	≤ 175 mm ³ (or ≤ 0.011 in ³)	
Mohs hardness			
Thermal shock	C 484	pass	
Freeze-thaw cycle	C 1026	as reported	
Chemical resistance	C 650	as reported	
Coefficient of friction	C 1028	withdrawn; replaced by DCOF	
Dynamic coefficient of friction	DCOF AcuTest	≥ 0.42	

^a Actual thickness depends on size.
^b According to EN 14411.

Usage area

Our wall tiles and frost proof floor tiles may be used in residential and commercial environments. Our wall tiles are not frost proof and cannot be used exterior.
Our limited warranty
 Royal Mosa warrants that its first choice ceramic tiles are manufactured to specific mentioned ASTM and ISO standards and meet or exceed the requirements of those standards, excluding other standards. Royal Mosa also warrants that its first choice porcelain tiles are manufactured to ANSI Standards A 137.1 and meet or exceed the requirements of the standard.
 Please consult Royal Mosa's sales conditions for complete product warranty details.

Maintenance

Please consult our cleaning advices on our website www.mosa.com.
Recycled content
 Royal Mosa wall tiles are produced with an environmental friendly recycled content of minimum 22%, except the size 6" x 6", which has a recycled content of minimum 25%.
 Royal Mosa floor tiles are produced with an environmental friendly recycled content of minimum 21%. Colors do not contain lead particles hazardous to health or environment. Consult www.mosa.com.

Disclaimer notes

Our wall tiles should not be installed on high shrinkage mortar beds. Like any material, Royal Mosa's porcelain tiles can become slippery when wet. Care should be taken to keep the surface dry at all times. 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. Sizes indicated are nominal. Errors and omissions excepted.
Technical product sheets and data sheets
 For more information please consult the Mosa Product Details book or the relevant technical product sheets and data sheets on our website www.mosa.com.



Your dealer



Mosa.

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 For up to date information, please visit our website www.mosa.com.