

Product description Xtreme is a collection of floor tiles consisting of glass, stainless steel and porcelain ceramic, all of which can be used individually and in combination with each other due to modular sizes available in 12 x 12, 18 x 18 and 24 x 24 inch.

Xtreme Steel is available in different surfaces like brushed, linen and point structure.

Sizes 12" x 12", 18" x 18" and 24" x 24"

Usage area Our tiles may be used for walls and indoor flooring in residential and commercial environments.

**Technical data /
conformity standards**

Technical data	ASTM test	Requirements	Royal Mosa			
Water absorption	C 373	≤ 0.5%	Carrier: < 0.3%			
			Steel: 0%			
Bond strength	C 482	≥ 50 psi	246 psi			
			Total	Steel	Carrier	
Actual thickness	C 499		12" / 18":	0.40 = 13/32"	0.08 = 3/32"	0.32 = 10/32"
			24":	0.47 = 15/32"	0.08 = 3/32"	0.39 = 12/32"
Freeze-thaw cycle	C 1026		frost proof			
Coefficient of friction	C 1028	≥ 0.6	Normal: 0.90 - 0.96 (dry) / 0.61 - 0.63 (wet)			
			Linen: 0.93 - 0.96 (dry) / 0.63 - 0.64 (wet)			

Technical data	Royal Mosa
Mohs scale	8
Hardness	82 Rockwell Ball
Heat conduction coefficient	15 W / mK
Electrical conduction resistance	0.73 Ω mm ² / m
Stainless steel quality	ALZ 304 - EN 1.4301 Brushed and linen structure is used to make signs of wear less visible.
Carrier quality	Mosa Ultragres, porcelain quality
Bonding characteristics	Under normal circumstances the stainless steel and porcelain will not separate. The glue used to bond both materials is resistant to temperatures ranging from -50°C (-58°F) to +150°C (300°F).
Scratch resistance	The properties of stainless steel add a natural vitality to the material with use; we recommend using these tiles exclusively indoors. Any contact with sand (quartz particles) must be prevented as much as possible by the use of barrier matting.

Data from 12" x 12".

Floor installation Installing combined stainless steel and ceramic tiles is not an everyday task. Based on practice-related trials with test floors, carried out together with producers of tile adhesives and grouts, we have compiled the following installation recommendations. Any contact with quartz particles (sand) should be avoided at all cost.

Adhesives: the carrier is an Ultragres-tile; standard tile adhesives can be used.
Grouting: regular grouts can be used.

Installers should read the product data and safety sheets of the adhesives and grouts so that they are fully informed about the product properties, installation guidelines and safety regulations of the relevant manufacturers.

Xtreme Steel is intended exclusively for use on interior floors and walls.
Mosa excludes all liability for the exterior use of Xtreme Steel.
If the correct laying instructions are not used, Mosa cannot be held liable for any ensuing damage.

Cutting	Stainless steel tiles can be cut to size using an electric water-cooled diamond saw, or water jet. Cut on the stainless steel side. Smoothen the cut edges with a file.
Our limited warranty	The properties of stainless steel are such that scratches may occur. Entrance barrier matting is recommended to minimize contact with sand. Please consult the company's Terms and Conditions for Sale for complete product warranty details.
Maintenance	We advise against the use of acid and abrasive cleaners. Please consult our Cleaning and Maintenance leaflet.

Like any material, Royal Mosa's ceramic tile can become slippery when wet. Mosa can accept no liability for the consequences of accidents caused by this. 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. Errors and omissions excepted. This technical product sheet replaces all previous versions. For the most actual version see www.mosa.nl.



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