



Instagram icon **LOTUS TILE CO**

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BEST FOR EVER

2020 GENERAL CATALOGUE



LOTUS
CERAMIC TILE



Let's Build Your Dream Together ...

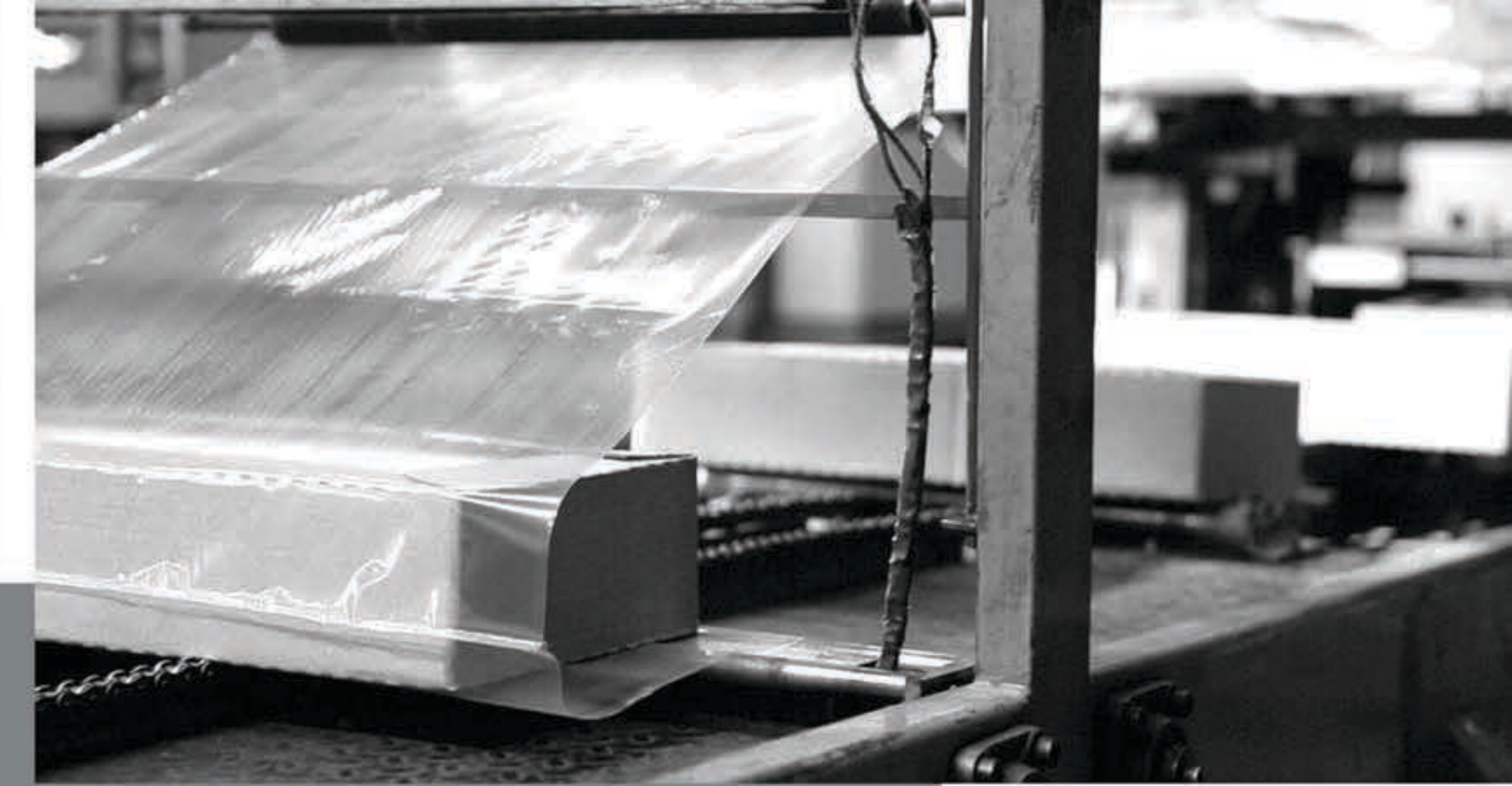


Lotus Tile ...

Lotus Group constituted in 2009 as a ceramic and Tile company with the purpose of develop and diversity in luxury ceramic and tile, And since yet they can prove their effective presence to grow in producing various ceramics and tile.

This company are produce their products by applying the best machines, the highest quality of raw material And also they ascertain their goals with cooperating with Alvand Tile proficient personnel in order to increase their quality as equal as international standards. Their domains of products is producing wall Tiles, floor ceramics, procelain products and architectural details.

This company with utilization of professional, formidable and experienced personnel in their sales departments, marketing and designing, with containing powerful distribution network, are able to deal different kind of tiles and ceramics, Over two million Sqm across the country and export markets.



Technology of Lotus Tile

Produced by Alvand Tile Co.
Ceramic Evolution:

In 50 years of ceramic tradition, we have built a business based on creativity, intelligence and spirit of renewal which today is the heart and soul of a dynamic Iranian company. Supported by the passion, professionalism and skills of all those who work with us, we design porcelain stoneware floors with an Iranian design to meet an ever-changing world. This is how we have always perceived our exclusive range of ceramic tiles: with dynamism, originality and expertise, using production processes characterized by quality and technological innovation.

Alvand tile & ceramic ind co . during two decades activity in field of ceramic products . designing and manufacturing . recently to take advantage of most progressive global technology supplies wall T floor and porcelain tiles to the local and international markets . alvand has ability to produce about 12 million Sq.m of different kinds of tiles in three factories under the following certificates by enjoying from efficient and experienced staffs :

Standard golden table from institute of standard and industrial research of iran
Standard certificate of quality management based on ISO -9002
Golden statue of commitment from quality management of Geneva
Golden statue of quality from france

Standard quality certificate no .en 159 from Eroupe
Standard certificate of quality management based on iso 9001-2000

Consisting management system certificate (ims including iso-9001 , iso 14001 , oases 18001) .
Colleague and certified institute of standard and industrial research of iran regarding quality control of iran s tile and ceramic products .

Alvand is getting undertaking organization exaltation certificate based on Europe foundation quality management system . (efqm)

Alvand company has the ability to produce wall . floor and porcelain tiles from size 20*20 cm up to size 90*60 cm (60*120cm) and by demonstrating pretty In different of designs / colors styles
So it has ready to response to all society tastes which the quality is confirmed by engineers – contractors and end –users



Product

New season of Lotus

Wall Produced Size :

25 x 70 cm.
30 x 60 cm.
30 x 90 cm.
33 x 100 cm.

Ceramic & Porcelain Size :

30 x 30 cm.
60 x 60 cm.
80 x 80 cm.
50 x 100 cm.
60 x 120 cm.



Fossil

Gray & Bone

50 x 100 cm.
20" 40"

Floor Ceramic
Rectified
Completed with Decor
White Body / Matt

Old Texture

Suitable for Decoration



Fossil Gray Structure
50 x 100 cm.



Fossil Bone Structure
50 x 100 cm.



Fossil Gray
50 x 100 cm.



Fossil Bone
50 x 100 cm.

Technical Features

Floor tile	Description	Test	Standard		Alvand tile's value
Dimensions & surface quality	Length & Width	ISO 10545 -2	±0.6% ¹	±2mm	±0.5% ¹
	Thickness	ISO 10545 -2	±5% ¹	±0.5mm	±4% ¹
	Straightness of sides	ISO 10545 -2	±0.5% ¹	±1.5mm	±0.3% ¹
	Rectangularity	ISO 10545 -2	±0.6% ¹	±2mm	±0.4% ¹
	Surface flatness:	ISO 10545 -2	±0.5% ¹	±2mm	±0.3% ¹
	-Center curvature				
	-Edge curvature				
	-warp age				
	Surface quality	ISO 10545 -2	without defect % 95		without defect % 95
	(percent by mass)Water absorption	ISO 10545 -3	E:6%>3%		5%
(N/mm ²)Modulus of rupture	ISO 10545 -4	Minimum 22		Minimum 25	
Physical properties	Resistance to surface abrasion of glazed tiles	ISO 10545 -7	Report abrasion class and cycles passed		1≤
	Coefficient of linear thermal expansion(from ambient temperature to 100 °C)	ISO 10545 -8	Test method available		<70×10 ⁻⁷ ×°C ⁻¹
	Thermal shock resistance	ISO 10545 -9	Test method available		OK
	(glazed tiles)Crazing resistance	ISO 10545 -11	Required		OK
	Frost resistance	ISO 10545 -12	Test method available		It's done according to customer request
	(Glazed tile)Resistance to staining	ISO 10545 -14	Minimum Class3		3≤
	Resistance to low concentrations of acids and alkalis(glazed tiles)	ISO 10545 -13	Manufacturer to state classification		Minimum GLB
Chemical properties	Resistance to high concentrations of acids and alkalis	ISO 10545 -13	Test method available		It is reported.
	Resistance to household chemicals and swimming pool salts(glazed tiles)	ISO 10545 -13	Minimum GB		Minimum GB

Wall tile	Description	Test	Standard		Alvand tile's value
Dimensions & surface quality	Length & Width	ISO 10545 -2	±0.5% ¹	±2mm	±0.4% ¹
	Thickness	ISO 10545 -2	±10% ¹	±0.5mm	±5% ¹
	Straightness of sides	ISO 10545 -2	±0.3% ¹	±1.5mm	±0.2% ¹
	Rectangularity	ISO 10545 -2	±0.5% ¹	±2mm	±0.3% ¹
	Surface flatness:	ISO 10545 -2	±0.5% ¹	±2mm, ±1.5mm	±0.3%, ±0.2% ¹
	-Center curvature				
	-Edge curvature				
	-warp age				
	Surface quality	ISO 10545 -2	without defect % 95		without defect % 95
	(percent by mass)Water absorption	ISO 10545 -3	E≥10		18%~14%
(N/mm ²)Modulus of rupture	ISO 10545 -4	Minimum 12		Minimum 15	
Physical properties	Coefficient of linear thermal expansion(from ambient temperature to 100 °C)	ISO 10545 -8	Test method available		<70×10 ⁻⁷ ×°C ⁻¹
	Thermal shock resistance	ISO 10545 -9	Test method available		OK
	(glazed tiles)Crazing resistance	ISO 10545 -11	Required		OK
	(Glazed tile)Resistance to staining	ISO 10545 -14	Minimum Class3		3≤
Chemical properties	Resistance to low concentrations of acids and alkalis(glazed tiles)	ISO 10545 -13	Test method available		Minimum GLB
	Resistance to high concentrations of acids and alkalis	ISO 10545 -13	Test method available		It is reported
	Resistance to household chemicals and swimming pool salts(glazed tiles)	ISO 10545 -13	Minimum GB		Minimum GB

Porcelain tile	Description	Test	Standard		Alvand tile's value	
Dimensions & surface quality	Length & Width	ISO 10545 -2	±0.6% ¹	±2mm	±0.5% ¹	
	Thickness	ISO 10545 -2	±5% ¹	±0.5mm	±3% ¹	
	Straightness of sides	ISO 10545 -2	±0.5% ¹	±1.5mm	±0.35% ¹	
	Rectangularity	ISO 10545 -2	±0.6% ¹	±2mm	±0.4% ¹	
	Surface flatness:	ISO 10545 -2	±0.5% ¹	±2mm	±0.3% ¹	
	-Center curvature					
	-Edge curvature					
	-warp age					
	Surface quality	ISO 10545 -2	without defect % 95		without defect % 95	
	Physical properties	Water absorption(percent by mass)	ISO 10545 -3	0.5% ²		0.5% ²
(N/mm ²)Modulus of rupture		ISO 10545 -4	Minimum 35		Minimum 40	
Resistance to deep abrasion of unglazed tiles(removed (volume(mm ³		ISO 10545 -6	Maximum 175		Maximum 120	
Resistance to surface abrasion of glazed tiles		ISO 10545 -7	Report abrasion class and cycles passed		1≤	
Coefficient of linear thermal expansion From ambient temperature (to 100°C)		ISO 10545 -8	Test method available		<70×10 ⁻⁷ ×°C ⁻¹	
Thermal shock resistance		ISO 10545 -9	Test method available		OK	
Crazing resistance(glazed tiles)		ISO 10545 -11	Required		OK	
Frost resistance		ISO 10545 -12	Required		It's done according to customer request	
Chemical properties		Resistance to (Glazed tile)staining	ISO 10545 -14	Minimum Class3		3 ≤
		Resistance to (Unglazed tiles)staining	ISO 10545 -14	Test method available		It is reported
	Resistance to low concentrations of acids and alkalis a : glazed tiles b: unglazed tiles	ISO 10545 -13	a :Manufacturer to state classification b:Manufacturer to state		a:Minimum GLB b:Minimum ULB	
	Resistance to high concentrations of acids and alkalis	ISO 10545 -13	Test method available		It is reported	
	Resistance to household chemicals and swimming pool salts a: glazed tiles b: unglazed tile	ISO 10545 -13	a:Minimum GB b:Minimum UB		a:Minimum GB b:Minimum UB	

Technical Data

