

Ceramic Hexagonal Mat

Chemshun® alumina ceramic Hexagonal Mat, square mosaic ceramic sheet as an excellent wear resistance materials and easy fixing method are popular in market.

Detailed chemshun lining sheet Info:

- > Model NO.:Alumina mosaic ceramic tile sheet
- > Classification:Alumina
- > Grade Standard:Industrial Grade
- > Quality:First Class
- > Item:Alumina Ceramic Hex./square Tile on Nylon Mat/Silk Mat/Paper Mat.
- > Materials:92% Al₂O₃ or 95% Al₂O₃
- > Density:3.60 or 3.68
- > Moh's:9 scale
- > Industry:Mining, Steel Plant, Power Plant,etc
- > Facility:Hopper, Bunker,Stacker,Chute,Pipe,[Pulley lagging](#)
- > Application:Wear Resistant
- > OEM/ODM:Acceptable
- > Sample:Available
- > Export Markets:Global
- > Trademark:Chemshun
- > Packing:Paper Carton + Pallet
- > Standard:150x150mm, 300x300mm, 500x500mm

Features:

- High hardness:

Its rockwell hardness is HRA80-90 and the Moh's hardness is up to 9 grade with is only less than diamond. And its abrasion-resistant is more better than steel and stainless steel;

- Superior Abrasion-resistance

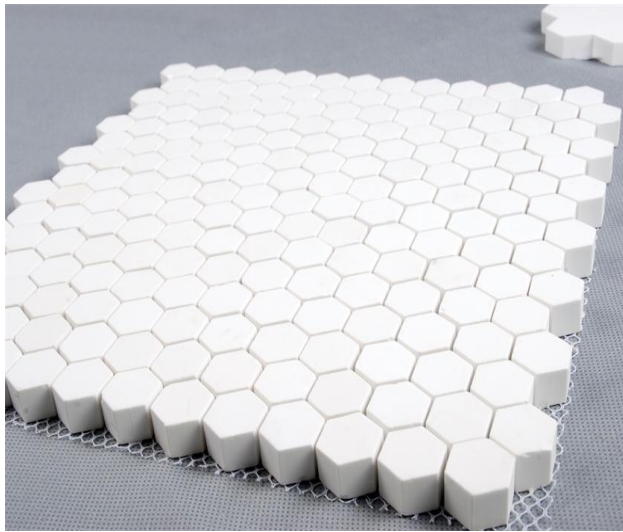
Its abrasion-resistance is 171.5times of Chrome steel and 260 times of manganese steel materials and as per our customers' feedback, it could prolong the use life of equipment for more than 10years under same working conditions.

- Light weight

Its density is 3.6-3.75g/cm³, it is only half weight of steel, and could reduce the load on equipment.



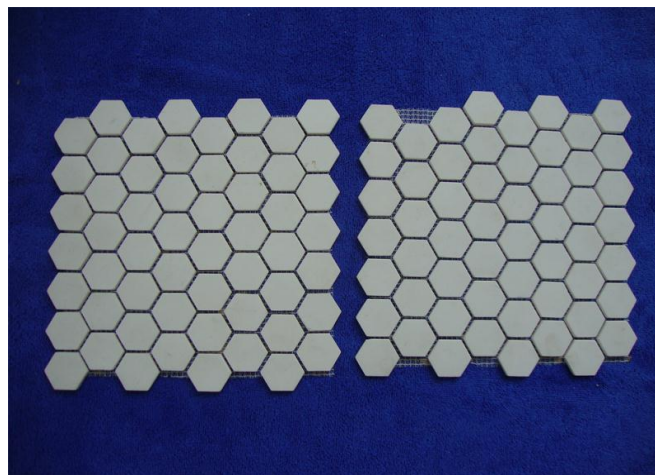
Product display:



Alumina ceramics Hexagonal tile



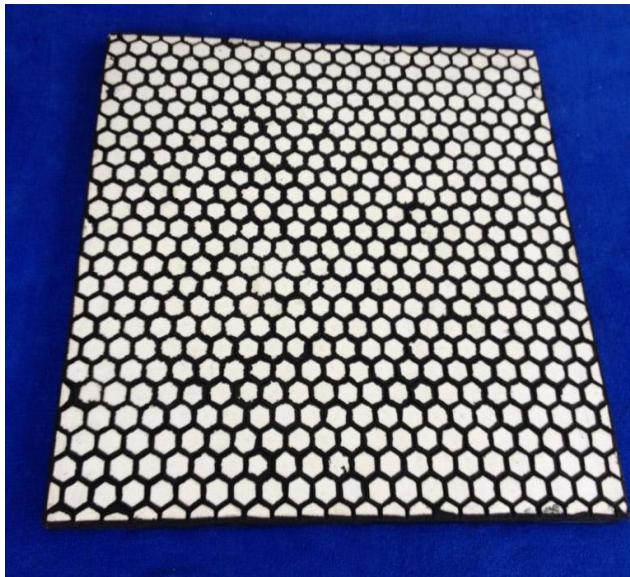
Alumina ceramics Square tile



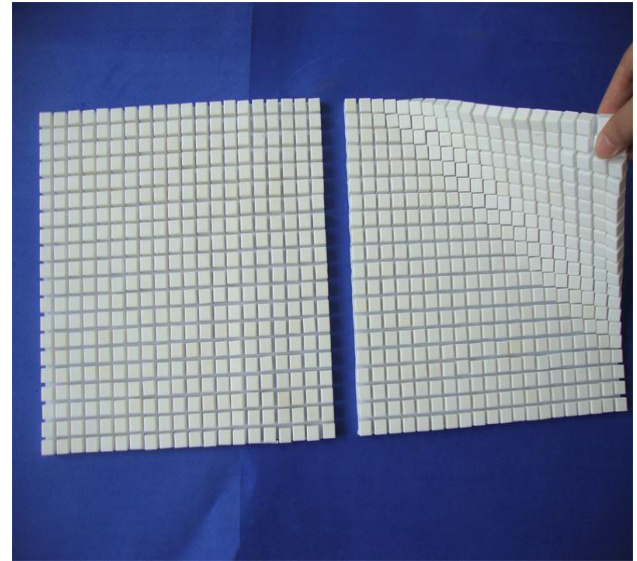
Cearmic Size:

hexagonal tile	S12xT3mm, S12xT6mm, S12xT12mm, S12xT20mm
Square tile	10x10x2mm, 10x10x3mm, 10x10x4mm, 10x10x8mm, 1 7.5x17.5x3~10mm. 20x20x4mm, 20x20x5mm, 20x20x6mm, 20x20x8mm, 20x20x10mm
Mat Size	150X150mm, 300x300mm, 500x500mm

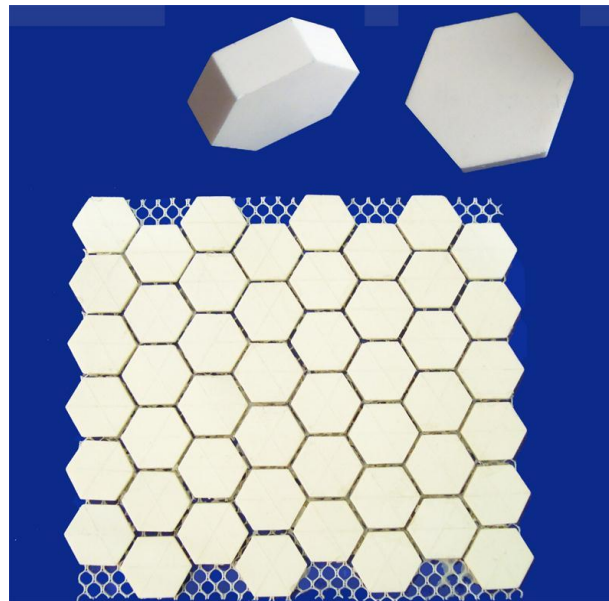


Product Description:

Ceramic Hexagonal Tile Mat



Alumina square mosaic sheet



Hexagonal ceramic sheet

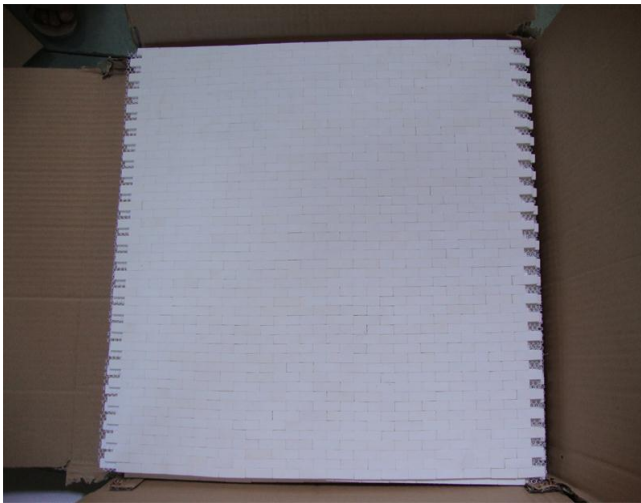
Raw Material:

The wear resistance alumina ceramic products are made from the high purity, super fine and single narrow particle high-quality grain alumina powder, which is spray-dried processing, formed by cold isostatic pressing, firing on 1520 ° C~1650 ° C temperature. Subject to Al₂O₃ content difference, we have 92%, 95%,abrasion resistance ceramics.



Application:

- > Used to construct ceramic rubber plate as wear-and-impact-resistant lining.
- > Used as **Alumin ceramic** materials on the industries of chemical, , mining, metallurgical, cement etc. Directly fixing on the equipment, easy control and application.
- > Used as component of ceramic bearing.
- > Used for pulley lagging
- > Used for conveying engineering in mining industry

**Available Size:**

Pingxiang Chemshun Ceramics Co.,Ltd

[In English](#)

[Contact Us](#)



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Tile:	S12xT3mm, S12xT6mm, S12xT12mm, S12xT20mm. Square tile 10x10x2mm, 10x10x3mm, 10x10x4mm, 10x10x8mm, 17.5x17.5x3~10mm. 20x20x4mm, 20x20x5mm, 20x20x6mm, 20x20x8mm, 20x20x10mm.
Nylon Net /sick back /paper back Size:	150x 150mm, 300x300mm, 500x500 etc.
Other size could also provided according to the customer's requirement.	

Markets:

> Our markets: China mainland & Taiwan, India, Indonesia, Korea, Vietnam, Malaysia South Africa, Chile, Peru, Argentina, Brazil, Australia, America, Canada, Germany, Denmark, England, etc.

chemshun ceramics service:

- > Providing best products with competitive price on time, All products are 100% tested before the shipment. And also accept customer's inspections or the third-part inspection
- > Providing the design according to the customer's engineering
- > Providing good services in shipment with more than 12years rich experiences.

S.No.	Attributes	Unit	CHEMESHUN92	CHEMESHUN95
1	Al ₂ O ₃ Content	%	92	95
2	Density	g/cc	3.60	3.68
3	Color	-	White	Pale Ivory
4	Water Absorption	%	0	0
5	Flexural Strength	Mpa	280	300
6	Moh's Density	Grade	9	9
7	Rock Well Hardness	HRA	80	86
8	Vickers Hardness(HV10)	Kg/mm ²	1050	1190-1220
9	Compressive strength	Mpa	850	950-1000
10	Thermal Expansion Coefficient (25-1000)oc	1x10 ⁻⁶ / oc	7.6	8.3
11	Maximum operation temperature	oc	1250	1250

