

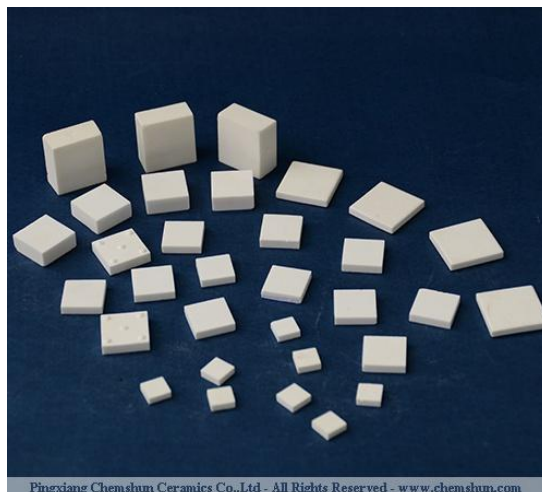
# Square Mosaic Tiles

Chemshun Square mosaic tiles are used as lining with advantage of wear-resisting, impact resisting, easy operation, etc

## Product introduction

Chemshun Alumina **Wear Resistant Ceramic** Mosaic Tiles are used as lining with advantage of wear-resisting, impact resisting, easy operation, etc., is ideal surface wear-resisting material of material transfer equipment in iron & steel works, thermal & power plants, mine, etc.

Trades and can extend operating life of equipment effectively. It is widely used as tile mat lining in conveying engineering to protect the belts in mining industry and agriculture,etc.



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## Raw Material:

The alumina **wear resistance 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 Al<sub>2</sub>O<sub>3</sub> content difference, we have 92%, 95%, wear resistance ceramics.

## Advantage of the material:

### 1) 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;

### 2) Superior Abrasion-resistance

Its abrasion-resistance is 171.5 times 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 10 years under same working conditions.

### 3) Light weight

Its density is 3.6-3.75g/cm<sup>3</sup>, it is only half weight of steel, and could reduce the load on equipment.

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In English

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