SHINDURAWEAR™
HEX TILE

SHINAGAWA SHINDURAWEAR™ Hex Tile is a practical choice for lining high wear areas in fabrications with curved surfaces. Our Hex Tile mats conform well to curves because of the small size and hexagonal shape. They offer superior protection of SHINDURAWEAR™ in applications where the use of standard tile is impractical. Examples of typical Hex Tile installations include spouts, transitions, elbows, small diameter cones, and exterior patches. Hex Tile are an excellent choice for complex shape installations which would normally require either a pre-engineered lining or an experienced installer.

SHINDURAWEAR™ offers excellent mechanical properties, superior erosion resistance, and good corrosion performance. Installation of Hex Tile to protect system components from wear can result in substantial savings when you consider replacement costs, downtime, and equipment availability over the life of your equipment.

To learn more about SHINDURAWEAR™ wear systems and products, please contact your SHINAGAWA representative.



Hexagonal Tile

SHINDURAWEAR™ Hex Tile mats come in 6.3” x 6.1” (160,4mm x 155,6mm) sections mounted on flexible mesh backing.

*(4) mats make up one square foot (0.093m^2)

SHINAGAWA Part Number	Thickness	*Mats/Carton	Mats/Pallet
58.2063-01	⅛″ (3,2 mm)	52	4,680
58.2063-03	¼″ (6,4 mm)	28	2,520
58.2063-05	⅜″ (9,5 mm)	20	1,800
58.2063-06	½″ (12,7 mm)	16	1,440

(Continued)

All of the above statements, recommendations, suggestions and data concerning the subject material are based on laboratory and field results, and although we believe the same to be reliable, we expressly do not represent, warrant or guarantee the accuracy, completeness or reliability of same, of the material, or the result to be obtained from the use thereof. Nor do we warrant that any such use, either alone or in combination with other materials, shall be free of the rightful claim of any third party by way of **INFRINGEMENT** or the like, and **SHINAGAWA SPECIALTY CERAMICS AMERICAS, LLC DISCLAIMS ALL WARRANTIES, EXPRESSED OR IMPLIED OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

SHINAGAWA
SPECIALTY CERAMICS

SHINAGAWA
SPECIALTY CERAMICS AMERICAS
4702 Route 982
LATROBE, PA 15650 USA
Phone: (1) 724 539-6000
(1) 800 438-7237
Fax: (1) 724-539-6070
Internet: www.SHINAGAWA-SCA.com
E-mail: sales@SHINAGAWA-SCA.com

SHINDURAWEAR™ HEX TILE

SHINAGAWA

Bonding Make the Difference

- Depending on your operating environment, SHINAGAWA will specify an appropriate SHINDURAPAK™ adhesive to overcome limitations such as temperature, abrasion, and impact.

Installation

- The mounting surface should be prepared as specified for the adhesive being used. The adhesive bed should be approximately 1/8" (3,3mm) thick. The Hex Tile mats, with the mesh side away from the metal surface, should be firmly pressed into place allowing the adhesive to extrude up into the voids between the tiles. Adhesive which does extrude to the surface can be removed and smoothed over the surface with a trowel. The mesh backing will simply wear away soon after equipment start-up. Adhesive directions should be closely followed to ensure proper adhesion. The most common utilized adhesive is our SHINDURAPAK™ 750.

Advantages of Using Hex Tile

- Installation of hexagonal shaped SHINDURAWEAR™ significantly reduces cutting and chipping that would be required to install large standard tile lining in irregular curved surfaces. The reduction in cutting and chipping speeds installation time and decreases material waste.
- Hex Tile conforms well to curved surfaces because of the smaller size and hexagonal shape which provides a tight packing arrangement.
- When installing standard rectangular tile, care must be taken to avoid longitudinal joints parallel to the flow of material. This design consideration is totally eliminated with hex tiles because of the inherent features of the tile.
- Hex Tiles are a convenient repair and maintenance method for minimizing downtime because they are easy to install and can be used in a variety of applications.
- Hex Tiles are available in thicknesses 1/8" (3,2 mm), 1/4" (6,4 mm), 3/8" (9,5 mm) and 1/2" (12,7 mm). They are a stock item for use in repair and maintenance.

We sell solutions

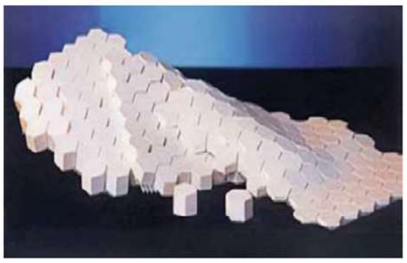
Analyzing a wear problem is a complex process. Our design engineers understand wear and specify solutions to suit your operational environment. Material properties, engineering tolerances, attachment methods & material costs are all considered in a SHINAGAWA wear solution.

Applications

- Chutes/Hoppers
- Classifiers
- Cyclone Separators
- Elbows
- Fan Housing & Blades
- Lined Piping
- Nozzles
- Wear Panels

Markets

- Asphalt
- Coal-Fired Power Generation
- Abrasive Material Handling
- Chemical Processing
- Cement
- Iron/Steel Manufacturing
- Mineral Processing
- Powder/Bulk Solids Conveying
- Pulp & Paper Manufacturing
- Pulverizing & Grinding
- Grain Handling



To learn more about SHINDURAWEAR™ Hex Tile and our products, please contact your SHINAGAWA representative.

All of the above statements, recommendations, suggestions and data concerning the subject material are based on laboratory and field results, and although we believe the same to be reliable, we expressly do not represent, warrant or guarantee the accuracy, completeness or reliability of same, of the material, or the result to be obtained from the use thereof. Nor do we warrant that any such use, either alone or in combination with other materials, shall be free of the rightful claim of any third party by way of **INFRINGEMENT** or the like, and **SHINAGAWA SPECIALTY CERAMICS AMERICAS, LLC DISCLAIMS ALL WARRANTIES, EXPRESSED OR IMPLIED OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

SHINAGAWA
SPECIALTY CERAMICS

SHINAGAWA
SPECIALTY CERAMICS AMERICAS
4702 Route 982
LATROBE, PA 15650 USA
Phone: (1) 724 539-6000
(1) 800 438-7237
Fax: (1) 724-539-6070
Internet: www.SHINAGAWA-SCA.com
E-mail: sales@SHINAGAWA-SCA.com