SHINAGAWA
SPECIALTY CERAMICS

Hex Mat Installation Instructions

1. Sandblast steel to a white finish
    a. Remove any rust or scale
2. Clean surface with solvent
    a. Denatured alcohol
    b. Non-petroleum based
3. Surface must be dry
4. Do a mock layout to determine how you will orientate your mats and where the breaks and seams will be.
5. Apply adhesive to steel as well as face (non-mesh side) of mat – approx.1/8 to 1/4" thick
    a. If using epoxy, mix only enough for working on a small area at a time
    b. Mesh side is the back side and will not be epoxied to steel
    c. Note that using too much adhesive will squeeze through gaps in tile and adhere to mesh making it difficult to remove after adhesive cures
6. Lay mat onto steel, mesh side up, and lightly tap with rubber mallet into place to remove air
7. Continue doing this until complete area is covered allowing gaps between mating mats for filling in with adhesive
8. After installing mats, allow to cure ~24 hrs then remove mesh from face side
9. Using same adhesive, fill in gaps between tile with trowel
10. Clean face side of tile then allow to cure for set amount of time based on adhesive

Alternate Installation Note:

If your process will allow tramp materials, the nylon mesh on the hex tile does not have to be removed.

This material is not wear resistant and will be worn away during normal operation.

Follow the guidelines listed above and fill the gaps between the tiles. This step is a little more difficult with the mesh still on the tile.