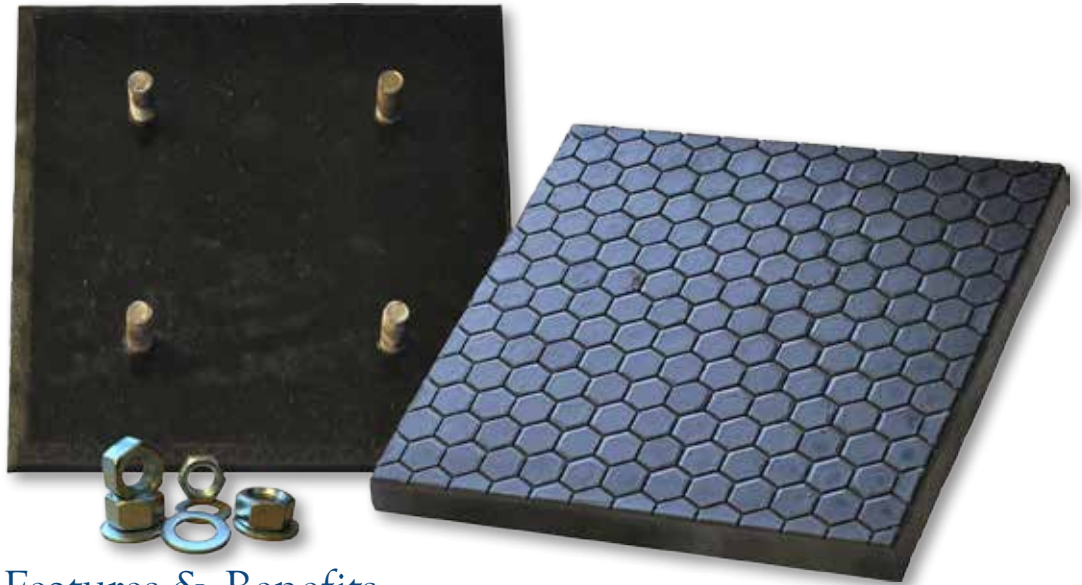




# BarricAid™

Rubber Embedded Ceramic Wear Tile Panels



## Features & Benefits

Wear-Con BarricAid™ is a new generation of rubber embedded ceramic wear tile composite panels. They are a combination of 1/2", wear resistant, WC90™ High Alumina Ceramic HexTiles, vulcanized in 1/4" resilient rubber to a 1/4" mild steel base. BarricAid's™ WC90™ High Alumina Ceramic HexTile surface provides exceptional resistance to wear, while the elastic property of the rubber effectively dampens the impact forces which can crack ceramics. The rubber also helps to substantially reduce the vibrations, sounds, and the impact shock generated from impacting material. BarricAid™ composite panels are suitable for feeders, chutes, bins, transfer points, in conveyor systems, screen feed plates, mill discharge chutes, bunkers, etc.

## Installation

Wear-Con's BarricAid™ composite panels can be easily bolted into place using the four existing M16 x 40 threaded studs welded on the back of every panel. Four matching nuts and washers are also provided with each panel.

## Technical Specifications

BarricAid's™ rubber has a tensile strength of 16MPa, a break extension of 450-500%, a shore hardness of 60±5, a break permanent deformation of 30%, a peel strength between rubber and ceramic/rubber of 6MPa, and a bonding strength between rubber and ceramic of 4MPa. BarricAid's™ WC90™ High Alumina Ceramic HexTile have Moh's Scale 9 hardness; a 300,000 psi comprehensive strength; a 45,000 psi fluxural strength; and a 24,000 psi tensile strength. The applicable temperature is between -4° F to 302° F, but best if it is below 248° F. If the rubber is working for a long time in a high temperature, the life of rubber will be diminished.

## Size

BarricAid™ composite panels are 12"x 12" wide by 1" thick.

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