

Ceramite® BKR Modular Floor Tile System

Superior Performance in Wear Resistant Applications

Bulletin 0164

All Industries

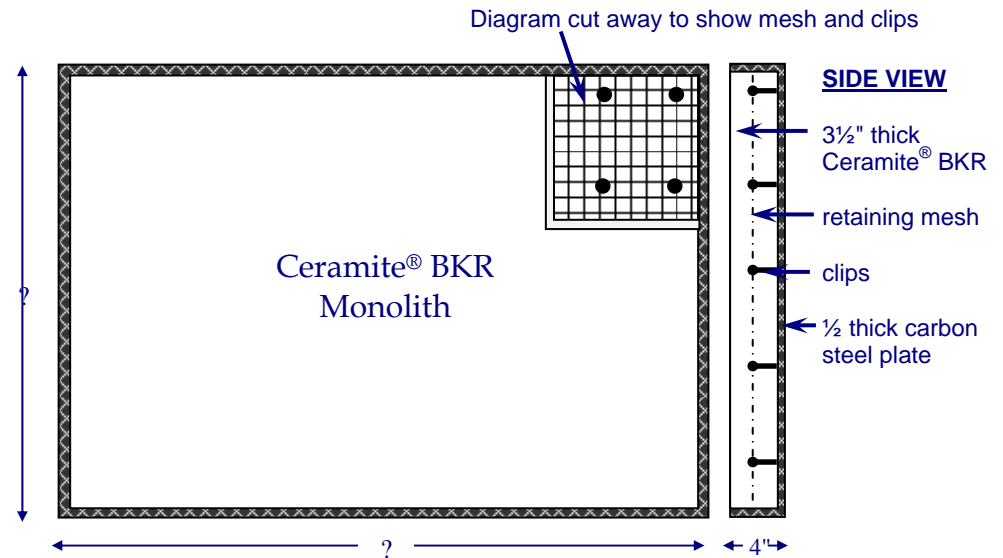
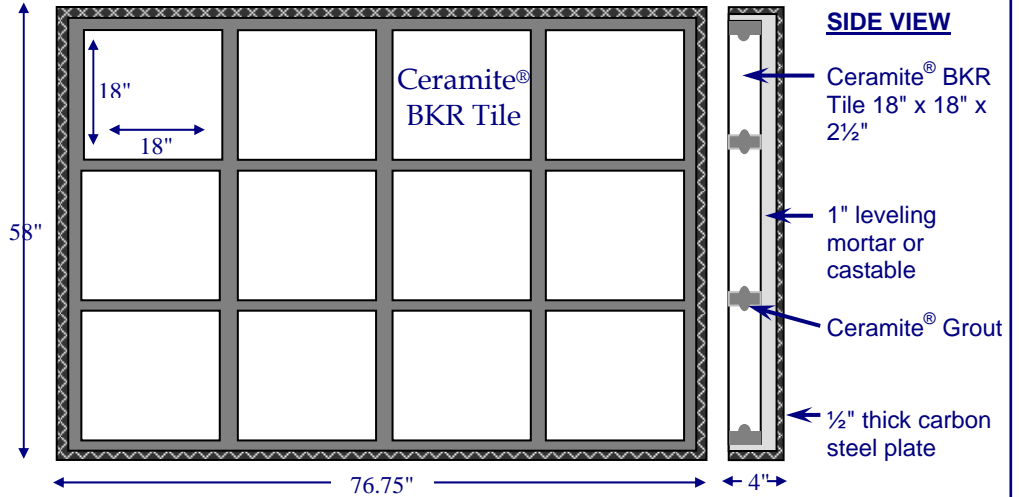
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Ceramite® is a family of advanced ceramics that incorporate inorganic composite materials & densely packed micro particles. Ceramite® is formulated to yield high abrasive wear resistance, excellent mechanical strength, resistance to high temperature and resistance to thermal shock conditions. Ceramite® cast, hi-fired shapes are designed and produced to your specific application.

Ceramite® BKR Floor Tile have been in service in several facilities for over five years without repairs or replacement. The photos in this bulletin are from a Daimler Chrysler brake disc plant in Germany. This Ceramite® Floor Tile **Modular System** was designed to dramatically reduce area downtime. These **Modules** were installed in October 2003. They replaced steel plates that buckled after a short period causing spills from ladles as the fork lift moved across the floor.

The **Modular** design allows for two Ceramite® options. The first schematic illustrates Ceramite® Tile placed into leveling concrete and grouted. The second schematic shows a monolithic lining of Ceramite® that is cast through and over a retaining mesh anchored part way through the thickness of the Ceramite®. This design eliminates all joints within the module.

In either system the panels are air dried and can be cured at 800°F if required. The Modular design arrives at site prepared for immediate placement and use.



Setting Tile in Module



In Service

INDUSTRIES SERVED

- | | | | |
|-----------------|--------------------|------------------------|---------------------------|
| ☞ Refining | ☞ Non-Ferrous | ☞ Zinc | ☞ Precast Manufacturing |
| ☞ Rock Products | ☞ Die-Casting | ☞ Boiler Manufacturing | ☞ Mineral Processing |
| ☞ Chemical | ☞ Power Generation | ☞ Primary Aluminum | ☞ O.E.M. Furnace Builders |
| ☞ Steel | ☞ Incineration | ☞ Secondary Aluminum | ☞ Cremation |