

## HEXWALL™ CHECKERWALL

### Interlocking Patented Hexagonal Ceramic Blocks for Fast Installation and Superior Structural Stability

The Blasch HexWall checkerwall is a versatile, mechanically stable system consisting of a series of stackable, six-sided blocks incorporating alternating tabs and slots on each side that are designed to ensure the blocks are positively locked together at installation. The HexWall is offered in a highly creep-resistant mullite bonded composition designed to resist deformation under load.

This patented system is stronger, more precise and uses far fewer parts than standard 9" brick and refractory mortar checkerwalls or baffles, for a faster, more secure installation. Spanning the entire inside diameter of the burner or furnace, the HexWall becomes structurally integral with the furnace wall.

HexWall systems replace and significantly improve upon traditional, weak, unsupported refractory brick

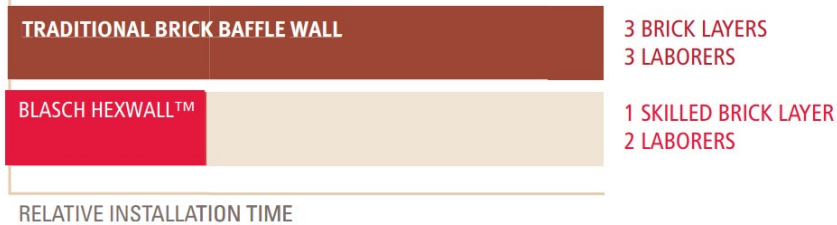
baffle wall methods. Any combination of open and solid blocks may be used to create custom designed baffle or checkerwalls. The HexWall is mechanically stable at operating temperatures in excess of 1650°C and can withstand excursions well above 1800°C.

Rapid disassembly and reassembly of the HexWall can easily be achieved for major maintenance turnarounds. HexWalls are the easiest to install, most reliable and long-lasting sulfur recovery, sulfur burner and spent acid recovery furnace checkerwalls or baffles in use today.



## Faster Installation - Less Field Labor

### Patented Blasch HexWall vs Traditional Brick Baffle Wall



The example above is based on a 5 meter internal diameter sulfur burner.

## Superior Structural Stability



Alternating tabs and slots on each side



Blocks are locked together at installation



Hexagonal blocks are inherently stable



A fast, secure installation

## Features and Benefits:

- Inherently stable large hexagonal ceramic blocks
- Design ensures that all blocks are fully supported
- Patented tongue & groove interlocking joints can withstand thermal expansion
- Structural stability even in a volatile condition
- Virtually unlimited number of mixing configurations available
- Mortar-free installation results in easy, fast construction with no specialized labor
- May be removed and re-used for maintenance
- Successful track record in severe service with no failures

