

MECS® HEXWALL™ FOR SULFURIC ACID PLANT SULFUR BURNERS AND SPENT ACID RECOVERY FURNACES



INTERLOCKING HEXAGONAL CERAMIC BLOCKS FOR FAST INSTALLATION AND SUPERIOR STRUCTURAL STABILITY

MECS® HexWall™ 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. MECS® HexWall™ is offered in a highly creep resistant mullite bonded composition designed to resist deformation under load.

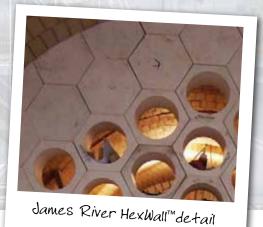
MECS HexWall™ system is stronger, more precise and uses far fewer parts than standard 9" brick and refractory mortar baffles, for a faster more secure installation. Rapid disassembly and reassembly of MECS® Hexwall™ can easily be achieved for major maintenance turnarounds. Spanning the entire inside O.D. of the burner or furnace, MECS® HexWall™ becomes structurally integral with same.

MECS Hexwall™ system replaces and significantly improves upon traditional, weak, unsupported refractory brick baffle wall methods. Any combination of open and solid blocks may be used to create custom designed baffle walls. The mechanical stability at operating temperatures in excess of 1650C and has withstood excursions well above 1800C.

MECS® HexWall™ technology is available worldwide and provides the easiest to install, most reliable and long lasting sulfur burner and spent acid recovery furnace baffles in use today.

FEATURES AND BENEFITS:

- Large hexagonal ceramic blocks are inherently stable
- Design ensures that all blocks are fully supported
- Tongue & groove interlocking joints can withstand thermal expansion
- Structural stability even in high upset conditions
- No mortar required results in easy, fast installation
- Virtually any baffle configuration may be accommodated.
- May be removed and re-used for maintenance
- Successful track record in severe service applications with no failures



MECS HEXWALL

Learn more at www.mecs.dupont.com



MECS® HEXWALL™ FOR SULFURIC ACID PLANT SULFUR BURNERS AND **SPENT ACID RECOVERY FURNACES**

FASTER INSTALLATION – LESS FIELD LABOR

USING MECS® HEXWALL™ V.S. TRADITIONAL BRICK BAFFLE WALL

TRADITIONAL BRICK BAFFLE WALL

3 BRICK LAYERS 3 LABORERS

MECS® HEXWALL™

1 SKILLED 2 LABORERS

RELATIVE INSTALLATION TIME

The example above is based on a 5 meter I.D. sulfur burner. Contact an MECS® sales engineer for the estimated time and labor savings using MECS® HEXWALL™ in your specific application.



SUPERIOR STRUCTURAL STABILITY



alternating tabs and slots on each side



blocks are locked together at installation



hexagonal blocks are inherently stable



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