

MISSION SERIES SPECIFICATIONS

Description	Extruded kiln-fired clay tiles
Applications	Interior or exterior use: Pool and spa copings, barbeques, outdoor countertops, picnic tables, masonry benches, water foundations, masonry wall and post caps, glazed kitchen countertops, fireplace mantels and hearths
Colors	Mission Red, Mission Terracotta
Sizes	12" x 12" x 1/2" Nominal
Actual size	11 7/8" x 11 7/8" x 7/16"
Edge detail	Finished
Grout joint	3/8" recommended
Weight	12" x 12": 4.7 lbs., Step nose: 5.8 lbs.
Surface	Smooth natural clay surface (unglazed)
Back	Notched to provide a better bonding surface
Trim	Step nose
Water absorption	7% range
Freeze/thaw	Can use in a freeze/thaw environment if not in standing water
Bond strength	Greater than 50 psi standard
Warpage	Meets 1% standard allowed on any edge
Facial size variation	Meets 3% standard variance
Thickness	Meets 0.4" standard allowed
Wedging	Meets 1% standard allowed
Breaking strength	Meets or exceeds 250 lbs. standard
Chemical resistance	17 day immersion - no visible effects
Modulus of rupture	Exceeds 2000 psi (no standard)
Scratch hardness	6.0 range, MOHS scale (no standard)
Coefficient of friction	Meets 0.6 recommended wet standard

LIFE CYCLE:

Tile floor and paving products are some of the longest lasting products available. A recent study conducted by the Tile Council of North America found tile to be the best value among competing floor covering products based specifically on the price and longevity of the product.

MANUFACTURING PROCESS:

- Unfired production clay is reground into subsequent product batches.
- No waste water results from the manufacturing process.
- Heat given off from the kilns is recovered and re-used as a heat source for the dryers.
- All fired ware which is not packaged as 1st quality product is re-ground, categorized by color, and becomes an integral ingredient for subsequent product batches.
- Cartons contain the highest % of recycled material available. All cartons are recyclable.