



SikaTile®-450 LHT Secure Set

PREMIUM GRADE LARGE AND HEAVY TILE MORTAR

- Non-sag and slip resistance for large and heavy tiles
- Non-slumping/non-shrinking formula eliminates tile lippage
- May be applied up to 3/4" (19 mm) thick on horizontal applications
- Flowable properties reduce the need for back-buttering
- **Colors:** Gray and White
- **Packaging:** 50 lb. bags

Standards

- Exceeds ANSI A118.4E and A118.11 without the need for additives
- ISO 13007-2 C2EP1

Attributes Include:



BUILDING TRUST



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WHERE TO USE

SikaTile®-450 LHT Secure Set supports large and heavy tile for flat, even installations and is suitable for bonding the following types of tile and stone:

- Brick and thin brick, Cement-based precast terrazzo, Impervious porcelain and glass tile, natural stone tile, vitreous, semi-vitreous or non-vitreous tile: Ceramic, mosaic, quarry, cement body tile

SikaTile®-450 LHT Secure Set can be installed in most interior and exterior residential and commercial installations on floors and walls on the following recommended substrates:

- Brick Masonry, Cement Backer Board¹, Cement Mortar Beds, Cement Plaster, Cement Terrazzo, Ceramic Tile and Stone, Concrete, Concrete Masonry, Exterior Grade Plywood², Gypsum Wallboard², SikaLevel®, SikaTile® Membranes, Approved SikaLastic® Under Tile Waterproofing

¹ Consult cement backer board manufacturer for installation recommendations and to verify acceptability for exterior use.




² Interior Use Only.

FEATURES AND BENEFITS

- For use with large and heavy tile and natural stone
- Non-sag/non-slip for vertical applications
- Non-slumping/non-shrinking formula eliminates tile lippage
- May be applied up to 3/4" (19 mm) thick on horizontal applications
- Flowable properties reduce the need for back-buttering
- For interior and exterior floors and walls
- Dustless formula – eliminates 80% less dust than ordinary mortars
- Promotes cleaner working conditions by minimizing dust
- Creamier and easier to spread
- Uses less water for consistent hydration and quicker drying
- Longer working time
- Mold and mildew resistant

NOTE: Always refer to Current Product data Sheet and SDS for detailed performance specifications prior to use.

APPROXIMATE COVERAGE

RECOMMENDED TROWEL SIZE/ TAMAÑO DE LLANA RECOMENDADO		
Tile/Loseta	Trowel/Llana	Coverage/Cobertura
Ceramic/ Cerámica	1/4" x 1/4" x 1/4" (6 mm x 6 mm x 6 mm) Square Notch 	65 - 75 ft ² per unit. (6.0 - 6.9 m ² por bolsa)
Quarry Tile, Rough Stone/ Loseta Industrial, Piedra áspera	1/4" x 3/8" x 1/4" (6 mm x 10 mm x 6 mm) Square Notch 	55 - 65 ft ² per unit. (5.1 - 6.0 m ² por bolsa)
Large Tile, Marble, Stone/ Azulejo Grande, Mármol, Piedra	1/2" x 1/2" x 1/2" (12 mm x 12 mm x 12 mm) Square Notch 	35 - 45 ft ² per unit. (3.2 - 4.2 m ² por bolsa)

TYPICAL DATA			
PROPERTY	TEST METHOD	REQUIREMENT	TYPICAL RESULTS
Pot Life	-	-	60 - 90 minutes
Open Time			> 30 minutes
4 Week Shear Bond Strength			
Glazed Wall Tile	A118.4 Section 5.1.5	> 300 psi	450 - 550
Porcelain Wall Tile	A118.4 Section 5.2.4	> 200 psi	500 - 575
Quarry Tile to Plywood	A118.4 Section 4.1.2	> 150 psi	175 - 225
LEED v3 NC VOC (EQ Credit 4.1)			
VOC		<65 g/L	0 g/L



FOR MORE INFORMATION:

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