



SikaTile®-550 Titan LHT Set

SUPERIOR-GRADE FLEXIBLE LHT MORTAR

- For porcelain, ceramic tile and natural stone installations
- Non-sag and slip resistance for large and heavy tiles
- Non-slumping 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

STANDARDS

- Exceeds ANSI A118.15HTE, A118.4HTE and A118.11 without the need for additives
- ISO 13007-2 C2TES2P1

Attributes Include:



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WHERE TO USE

SikaTile®-550 Titan LHT Set provides flexible, high strength 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®-550 Titan LHT 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

- Non-sag and slip resistance for large and heavy tiles
- Non-slumping 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 – provides significantly less dust than ordinary mortars
- Promotes cleaner working conditions by minimizing dust
- Creamier and easier to spread
- No-slake technology means no waiting, use immediately
- Uses less water for consistent hydration and quicker drying
- Longer working time
- Mold and mildew resistant

Property	Test Method	Requirement	Typical Results
Pot Life	---	---	3 Hours
Open Time (E)	A118.15 Section 5.3	30 Minute	Pass
4 Week Shear Bond Strength			
Glazed Wall Tile	A118.15 Section 5.1.5	> 450 psi	450 – 500
Porcelain Tile	A118.15 Section 5.2.4	> 400 psi	475 – 550
Quarry Tile to Plywood	A118.11 Section 4.1.2	> 150 psi	225 - 300
LEED v4.1 NC VOC (EQ Credit 4.1)			
VOC		< 65 g/l	0 g/l

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 ft² per unit. (6.0 - 6.9 m² 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 ft² per unit. (5.1 - 6.0 m² 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 ft² per unit. (3.2 - 4.2 m² por bolsa)

FOR MORE INFORMATION:

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