



SikaTile®-425 LHT Secure Set Rapid

PREMIUM, RAPID SETTING, POLYMER MODIFIED, LARGE AND HEAVY TILE MORTAR

- For use with ceramic tile, porcelain tile, and natural stone
- Ideal for time critical residential and commercial applications
- Superior flexibility, high strength, with rapid setting time
- Allows for grouting in 3 hours and open for traffic in 4 – 6 hours
- **Colors:** Gray and White
- **Packaging:** 25 lb. bags

Standards

- Exceeds ANSI A118.4F and A118.11 without the need for additives
- ISO 13007-2 C2FP1

Attributes Include:



BUILDING TRUST



SikaTile® -425 LHT Secure Set Rapid

PREMIUM RAPID SETTING, POLYMER MODIFIED, LHT MORTAR

WHERE TO USE

SikaTile®-425 LHT Secure Set Rapid 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®-425 LHT Secure Set Rapid 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.

TYPICAL DATA			
PROPERTY	TEST METHOD	REQUIREMENT	TYPICAL RESULTS
Pot Life	-	-	45 minutes*
Open Time			10 - 20 minutes*
Time Before Grouting			2 - 3 Hours*
4 Week Shear Bond Strength			
Glazed Wall Tile (7d)	A118.4 Section 7.1.2	> 300 psi	350 - 450
Porcelain Wall Tile (4h)	A118.4F Section 7.5.1	> 50 psi	150 - 250
Porcelain Wall Tile (28d)	A118.4 Section 7.2.5	> 200 psi	300 - 400
Quarry Tile to Plywood (28d)	A118.4 Section 4.1.2	> 150 psi	150 - 200
LEED v3 NC VOC (EQ Credit 4.1)			
VOC		<65 g/L	0 g/L

ISO 13007 CLASSIFICATION

CLASSIFICATION CODE	CLASSIFICATION REQUIREMENT	RESULTS
C2 (cementitious, improved adhesion)	≥ 145 psi (1 MPa) after standard aging. Heat aging, water immersion and freeze/thaw cycles	Pass
F (fast setting adhesive)	≥ 72.5 psi (0.5 Mpa) for tensile adhesion strength after 6 hours, and open time after 10 min	Pass
P1 (normal adhesion to plywood)	≥ 72.5 psi (0.5 Mpa)	Pass

FEATURES AND BENEFITS

- For use with ceramic tile, porcelain tile, and natural stone
- Ideal for time critical residential and commercial applications
- Superior flexibility, high strength, with rapid setting time
- Allows for grouting in 3 hours and open for traffic in 4 - 6 hours
- For use with large and heavy tile and natural stone
- Rapid setting formula
- Non-slumping/non-shrinking formula eliminates tile lippage
- May be applied up to 3/4" (19 mm) thick on horizontal applications
- For interior and exterior floors and walls
- 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)



FOR MORE INFORMATION:

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