



SikaTile®-650 Type 1 Premium Adhesive

PREMIUM TILE ADHESIVE

- For standard wall, floor and countertop installations
- Ideal for setting glazed and unglazed ceramic and porcelain tiles up to 12" x 12" (30 x 30 cm)
- Smooth; easy to trowel

Standards

- Meets ANSI A136.1 type 1 adhesives
- ISO 13007-2 D1TE

Attributes Include:



BUILDING TRUST



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WHERE TO USE

SikaTile® 650 Type 1 Premium Adhesive is a professional grade, ready to use, acrylic Type 1 adhesive formulated for reliable interior wall and floor tile installations. Manufactured with high quality organic resins and latexes, it delivers excellent initial grab and bond strength for setting a wide range of glazed and unglazed ceramic, mosaic, porcelain tile and most gauged stone tile and is suitable for bonding the following types of tile and stone:

- 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®-650 Type 1 Premium Adhesive can be installed in most interior residential and commercial installations on floors and walls on the following recommended substrates:

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




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

² Interior Use Only.

FEATURES AND BENEFITS

- For standard wall, floor and countertop installations
- Ideal for setting glazed and unglazed ceramic and porcelain tiles up to 12" x 12" (30 x 30 cm)
- Smooth; easy to trowel
- Quick grab, no slip
- Extended open time
- Zero VOC and Low odor
- Ready to use; no mixing
- Exceeds ANSI A136.1 Type I and II requirements for intermittent water exposure

Property	Test Method	Requirement	Typical Results
Open Time	---	---	45 Minutes*
Adjustment Time	---	---	45 Minutes*
Shear Bond Strength			
Shear Strength 7 Day Dry	A136.1	> 50 psi	Pass
Shear Strength 7 Day Wet Immersion	A136.1	> 50 psi	Pass
Shear Strength 28 Day	A136.1	> 50 psi	>220 psi
LEED v3 NC VOC (EQ Credit 4.1)			
VOC		< 65 g/l	0 g/l

Typical Trowel	1 U.S. gal. (3.8 L) Coverage	3.5 U.S. gals. (13.3 L) Coverage
$\frac{1}{8}'' \times \frac{1}{8}'' \times \frac{1}{8}''$ (3 x 3 x 3 mm) for mosaic tile measuring $\frac{3}{4}''$ (19 mm) long x $\frac{1}{8}''$ (3 mm) thick 	55 to 65 sq. ft. (4.65 to 6.50 m ²)	193 to 228 sq. ft. (17.9 to 21.2 m ²)
$\frac{3}{16}'' \times \frac{5}{32}'' \times \frac{1}{8}''$ (4.5 x 4 mm) for flat-backed tiles up to 4" x 4" (10 x 10 cm) 	40 to 50 sq. ft. (3.72 to 4.65 m ²)	140 to 175 sq. ft. (13.0 to 16.3 m ²)
$\frac{1}{4}'' \times \frac{1}{4}'' \times \frac{1}{4}''$ (6 x 6 x 6 mm) for tiles between 4" x 4" (10 x 10 cm) and 12" x 12" (30 x 30 cm) 	25 to 35 sq. ft. (2.32 to 3.25 m ²)	87.5 to 123 sq. ft. (8.13 to 11.4 m ²)

FOR MORE INFORMATION:

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