

Select a Trowel (based on tile size)

To properly bond various types or sizes of tile or stone, select a trowel according to the size of tile you want to install.



Number of 44-lbs or 50-lb (20-kg or 22,7-kg) bags needed

of tile or stone, select a trowel according to the size of tile you want to install.			Approximate Coverage* per 44 lbs or 50 lbs (20 kg or 22,7 kg)		For 50 sq ft (4,65 m²)	For 100 sq ft (9,29 m²)	For 150 sq ft (13,9 m²)	For 200 sq ft (18,6 m²)	For 250 sq ft (23,2 m²)
Trowel size	3/16 x 1/4 in. (4,5 x 6 mm) 	For applying mosaics or small tiles up to 4" (10 cm)	150 to 175 sq ft (13,9 to 16,3 m²)	1	1	1	2	2	
	1/4 x 1/4 x 1/4 in. (6 x 6 x 6 mm) 	For thin-set application of tiles with all sides smaller than 15" (38 cm)	75 to 90 sq ft (6,97 to 8,36 m²)	1	2	2	3	4	
	1/4 x 3/8 x 1/4 in. (6 x 10 x 6 mm) 		55 to 65 sq ft (5,11 to 6,04 m²)	1	2	3	4	5	
	1/2 x 1/2 x 1/2 in. (12 x 12 x 12 mm) 	For applying large-and-heavy tiles larger than 15" (38 cm) on any side	38 to 45 sq ft (3,53 to 4,18 m²)	2	3	4	6	7	
	1/2 x 3/4 x 1/2 in. (12 x 19 x 12 mm) 		25 to 30 sq ft (2,32 to 2,79 m²)	2	4	6	8	10	

* Actual coverage depends on substrate, type of tile and setting method.

Mortars

Selection Chart and Approximate Coverage



Mortar Selection Chart

Factors to consider in selecting the right mortar:

- Tile type and size
- Surface
- Where it is installed

TYPE					SUBSTRATE							APPLICATION			
Ceramic	Porcelain	Natural stone	Mosaic	Glass tile	3/4-in. plywood subfloor and approved underlayment	Concrete subfloor	Schluter uncoupling - floors only	Self-leveler	Cement board, Durock membrane, Hardibacker	Drywall (properly prepared)	Properly prepared tile over tile	Exterior	Intermittently wet - showers, bathrooms, laundry rooms	Submerged - pools, fountains, hot tubs	Fast-setting

Polymer-modified mortars for tile with any side > than 15"

BEST	Large Tile & Stone Mortar, 50-lb (12591 white)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Uncoupling Membrane Mortar, 50-lb (576086 gray) with Polymer Additive (13956)	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
BETTER	Large-Format Floor & Wall Tile Mortar, 50-lb (12940 white)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓			
	Keraflex Plus, 44-lb (4903354 gray, 4903353 white)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓			
GOOD	Keraflex SG, 44-lb (490352 gray, 4903351 white)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		

Polymer-modified mortars for tile with all sides 15" or less

BETTER	Rapid Setting Tile Mortar, 50-lb (13666 gray)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓
GOOD	Ultraflex 1, 50-lb (193421 gray, 193422 white)	✓	✓	✓	✓		✓	✓	✓	✓	✓					

Unmodified mortars for tile

Mortar for tile with any side > than 15"

GOOD	Uncoupling Membrane Mortar, 50-lb (576086 gray)	✓						✓	✓	✓				✓		
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Mortar for tile with all sides 12" or less

GOOD	Floor Tile Mortar, 50-lb (12639 gray)	✓						✓		✓						
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Wall-tile setting materials

BEST	Mosaic & Glass Tile Mortar, 10-lb (13718 white) with Polymer Additive (13956)	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
BETTER	Premium Mortar (309061 1 U.S. gal, 309062 3.5 U.S. gals)	✓	✓	✓	✓		✓	✓		✓	✓	✓			✓	
	Mosaic & Glass Tile Mortar, 10-lb (13718 white)	✓	✓	✓	✓	✓		✓		✓	✓	✓		✓	✓	
GOOD	Type 1 (43952 1 U.S. qt, 43951 1 U.S. gal, 43950 3.5 U.S. gals)	✓	✓		✓		✓	✓		✓	✓	✓				