



Thin-Set Sanded

No. 1547

PRODUCT DESCRIPTION

Basic Uses: QUIKRETE® Thin-Set Sanded is a dry set portland cement mortar for the setting of glazed wall tile, ceramic mosaics, pavers and quarry tile. Formulated for maximum workability to allow correct bedding thickness and notching control, it can be used for interior or exterior application over concrete masonry, brick, poured or pumped concrete, portland cement plaster, and gypsum wallboard. Contains water-retaining agents that aid workability and ensure an adequate and uniform rate of curing of the mortar.

Composition and Materials: QUIKRETE® Thin-Set Sanded is a portland cement based formula with special water retention additives. The proprietary formulation of the mortar eliminates the necessity of soaking either the tile or the backing surfaces.

Colors: gray or white.

Packaging: QUIKRETE® Thin-Set Sanded is available in 50 lb (22.7 kg) and 25 lb. (11.3 kg) bags.

TECHNICAL DATA

QUIKRETE® Thin Set Sanded meets or exceeds the physical property requirements of ANSI A118.1 when installed as described below. For further installation instruction, refer to ANSI A108.5. See table 1 for typical test results. For compliance with ANSI A118.4, mix with QUIKRETE® Concrete Acrylic Fortifier. QUIKRETE® also produces a one component latex-portland cement mortar meeting ANSI A118.4. (See data sheet for Thin-Set Multi-Purpose).

INSTALLATION

Surface Preparation: Surfaces must be clean, free from dirt, loose particles and other foreign material. Surface must be frost-free and remain above 40°F for 72 hours. They must also be structurally sound, dimensionally stable, and practical for a ceramic tile installation. Dampen surface if very dry, but do not saturate.

Mixing: Mix with clean water suitable for drinking. Containers and tools must be clean to assure proper results. Mix to a thick paste-like consistency suitable for troweling. Thin-Set Sanded will require approximately 6-6.5 quarts (5.6-6.2 L) of water per 50 pound (22.7 Kg) bag. Do not use high-speed, high-shear type equipment for mixing. Mix thoroughly and let stand for 10 minutes. Remix before use.

Application: With pressure, apply a skim coat on the backing. Immediately apply mortar with the flat side of a trowel over an area no greater than can be covered while the mortar remains workable. Cover the surface uniformly with no bare spots, with sufficient mortar to insure a minimum mortar thickness of 3/32 inch (2mm) between the tile and backing after the tile has been beaten into place. Comb with an appropriately sized notched trowel to obtain an even setting-bed without scraping the backing material. Tiles should not be soaked. Tile should be applied with a twisting motion into a fresh bed of Thin Set. Keep a minimum of 2/3 of joint depth open for grouting. Average contact area shall not be less than 80% except on exterior or shower applications where contact area shall be 95%. Obtaining 100% contact with the tile may require applying a layer of mortar on the back of each tile prior to firmly pressing it into the combed mortar. It is helpful to run a small test panel to determine setting time, which changes with temperature, relative humidity, absorption, etc. For best results, apply Thin Set over a small area at a time, then immediately set tile. Once initial set has taken place, do not vibrate the tile or its backing.

	Quarry Tile	Glazed Wall Tile
7 day	> 50 psi	> 200 psi
28 day	> 100 psi	> 250 psi

The QUIKRETE® Companies, Inc.

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Warranty

The QUIKRETE® Companies warrant this product to be of merchantable quality when used or applied in accordance with the instructions or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE® Companies in writing at Atlanta, GA 30305. The limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

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