

**SUPER-TEK****20x20**

Premixed Thinset™

**Ready-To-Use High-Performance
Thinset for Large Format Tiles**

- **Set tile and stone up to 20" x 20" on walls and floors**
- **Non-slip performance on walls, non-slump on floors when using large trowels**
- **Exceeds ANSI A136.1 Type I & II Specifications**
- **Mold and mildew resistant**
- **Fast drying**
- **Creamy, easy-to-trowel formula**
- **Zero VOCs**

A premium, ready-to-use adhesive, excellent for setting ceramic, porcelain, natural stone, quarry and mosaic tile on interior floors and walls. Recommended for wall and floor applications with tile up to 20" x 20" and glass tile up to 8" x 8". This light beige, non-staining formula is ideal for light-colored stone and will not discolor grout during application.

Installation

All installations must be set in accordance with the most recent publication of the Tile Council of North America's "TCNA Handbook for Ceramic, Glass, and Stone Tile Installation" and the following guidelines.

Approved Substrates: Properly prepared concrete, concrete block, plumb and true masonry, gypsum board, cured Portland cement beds, cured plaster, exterior grade plywood (interior floors only), and cement backer board.

Limitations: DO NOT USE

- On exterior applications
- If mortar meeting ANSI A118.4 is required; review Super-Tek product selection of Portland cement based thin-set mortars
- In conjunction with PVC heating mats or coils, or over polyethylene membranes
- Over anti-fracture & waterproofing membranes, sheets or mats
- On shower floors or pans, in steam rooms, in steam showers, swimming pools, or any place that will receive standing water

- For leveling floors or in excess trowel loadings
 - On non-porous substrates
 - Where temperature will exceed 120°F (48°C)
 - Over hardwood, interior plywood, existing tile, masonite, chipboard, flakeboard, MDF, particleboard, presswood, asbestos board, vinyl flooring, luan plywood, OSB, metal, gypsum based levelers, glass, plastic, wallpaper, sandy brown-coat plaster, or fresh plaster with high moisture content or other similarly unstable substrates
 - With green marble, or to install resin backed marble or resin backed aggregate marble
 - For setting any marble over plywood floors or plywood countertops
 - For setting ceramic accessories such as towel bars, soap dishes, and grab bars
 - Underneath backer boards in place of construction adhesive for bonding boards
- Store tile and adhesive at approximately 68°F (21°C) for a period of 24 hours prior to use.

Walls: Prime all extremely porous surfaces such as gypsum wallboard and shower walls with a thin, skim coat of adhesive applied with the flat side of the trowel. Allow drying until coating is not broken by trowel when applying notched coat (approximately 2-4 hours). Where exposed to excessive water such as where walls touch bathtub, cut away wall materials above tub by approximately 1 4" and fill void with adhesive. All joints, edges and voids in wall materials, including openings around pipes, should be filled or packed with generous amounts of adhesive. Let dry as with skim coat.

Floors: Plywood flooring must be double layered, well screwed, and without bounce. Concrete must be fully cured (28 days required for new pours) and free of excessive moisture, alkalinity, and hydrostatic pressure. If below grade it must not be subject to seepage or dampness. Floors must be level to a tolerance of 1/8" variation within 3 linear feet.

PLEASE NOTE: It is the responsibility of the USER to properly prepare the subsurface or backing before application of the adhesive. If doubt exists check with SELLER or MANUFACTURER.

**High
performance
ceramic tile,
stone and
marble
installation
products for the
professional
installer**

STP

REV: A, 12/2/2016

Super-Tek Products, Inc. • www.super-tek.com

25-44 Borough Place • Woodside, NY 11377 • T 718-278-7900 • F 718-204-6013

© 2016 Super-Tek Products, Inc.



SUPER-TEK

High
performance
ceramic tile,
stone and
marble
installation
products for the
professional
installer

STP

REV: A, 12/2/2016

TECHNICAL DATA 20x20 Premixed Thinset	
ANSI A136.1 – 1999 TYPE 1	RESULTS
SHEAR STRENGTH DRY	>50 PSI
SHEAR STRENGTH WATER IMMERSION	>50 PSI
FOOT TRAFFIC RATING	RESIDENTIAL TO LIGHT COMMERCIAL
VOCs/ASTM D6886	0 g/L
PROPERTIES at 72°F (22°C) & 50% relative humidity	
OPEN TIME*	>30 MINUTES
DENSITY	11.3 LBS/GALLON
TIME BEFORE GROUTING*	24 HOURS
*ALL PROPERTIES MAY VARY BASED ON JOB SITE CONDITIONS	

Application

All surfaces must be clean and free of dust, grease, wax, and foreign matter. Using pressure, apply a thin skim coat with flat edge of trowel. Then using the proper sized notched trowel apply a second coat to form ridges. Trowel only in an area that can be tiled before the adhesive skins over (20-30 minutes). If adhesive skins over, remove and apply fresh adhesive. Apply dry tiles with pressure and a slight twisting motion. Immediately beat tiles in to ensure maximum contact and bond. After setting several tiles, remove one or two and inspect, making sure tile backs are 100% covered with adhesive. Back buttering of tiles may be necessary to insure 100% coverage. Do not use at temperatures below 45°F (7°C) or above 95°F (35°C).

For glass tile, refer to manufacturer's specifications. For marble and granite installations, test in an inconspicuous area as discoloration may occur. Most discoloration disappears after 30 days. For proper curing, do not abut marble tiles together.

Curing

Cure times will vary with size and porosity of tile. The porosity of porcelain tiles take considerably longer to cure. High humidity and cooler temperatures will extend set times. Typical floor installations take longer to cure. No traffic is permitted on tiles prior to curing. All traffic should be kept off of floors for a minimum of 48 hours.

NOTICE AND WARRANTY DISCLAIMER: The MANUFACTURER has provided these Instructions/Recommendations [I/R] to assist the USER in the application of this product. These I/Rs are not warranted to be comprehensive, complete, thorough or conclusive as regards any specific installation. Before using, USER shall determine the suitability of the product for its intended use and USER alone assumes all risks and liability whatsoever in connection therewith. The liability of the SELLER and the MANUFACTURER, whether express or implied, whether in contract or in tort, arising out of warranties, representations, instructions or defects from any cause shall be limited exclusively to replacing the product, provided the same is proved defective, or refunding the purchase price upon return of the unused product. In no event will SELLER or MANUFACTURER be liable for consequential damages, including but not limited to, loss of materials, costs of labor, loss of profits, costs of replacement goods, or other commercial loss. The USER accepts the product AS IS, and without warranties expressed or implied. Any claims shall be deemed waived unless made in writing to MANUFACTURER within ten (10) days from date it was, or reasonably should have been, discovered.

Jobsite temperature must remain between 45°F and 95°F for a minimum of 72 hours after installation.

Grouting

May be accomplished if tiles are firmly set and kneeling boards are used. To ensure quality joints use one of Super-Tek's high performance grouts.

Clean Up

Remove excess adhesive from face of tile using water dampened cloth or sponge.

Packaging

1 and 3.5 gallon sizes in plastic pails, color is light beige.

Shelf Life

Store in original, tightly sealed container at room temperature. PROTECT FROM FREEZING. Product is freeze-thaw stable, but freezing should be avoided whenever possible. Excessive cycling or prolonged frozen states can damage the adhesive. Shelf life is one year from date of manufacture.

Coverage (approximate):

1/4" x 1/4" x 1/4" Square-notched trowel
25-30 sq. ft./gallon

3/16" x 5/32" V-notched trowel
35-40 sq. ft./gallon

1/4" x 3/8" x 1/4" V-notched trowel
20-25 sq. ft./gallon

WARNING! EYE AND SKIN IRRITANT.

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. For additional information, see Safety Data Sheet (SDS) for this product on our website.

KEEP OUT OF THE REACH OF CHILDREN!

Technical Assistance

By phone Monday through Friday
8:00 AM to 4:30 PM EST

T 718-278-7900 ext. 111

By e-mail: info@super-tek.com

Or our website: www.super-tek.com

Super-Tek Products, Inc. • www.super-tek.com

25-44 Borough Place • Woodside, NY 11377 • T 718-278-7900 • F 718-204-6013

© 2016 Super-Tek Products, Inc.