



Latex Mortar Additive

1. PRODUCT NAME

TEC® Skill Set™ Latex Mortar Additive

2. MANUFACTURER

H.B. Fuller Construction Products Inc.
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3. DESCRIPTION

TEC® Skill Set™ Latex Mortar Additive is specifically formulated for use in place of water with any TEC® Skill Set™ branded non-modified thin set to provide enhanced performance characteristics.

Key Benefits and Features

- Strongest bond to plywood
- Mix with any non-modified mortar
- Interior/exterior
- Recommended for porcelain tile
- Exceeds ANSI A118.4 and A118.11
- Rated for extra heavy commercial tile

Packaging

1.5 gallon jug

Suitable Substrates

Refer to detailed information on product packages for each thin set or recommended specialty mortar.

Storage

Store in a cool, dry location. Do not expose to or store in direct sunlight. Freeze/thaw stable. Do not store open containers.

Shelf Life

Maximum of 18 months from date of manufacture in unopened package.

Limitations

Recommended as a mortar additive only. Do not use Latex Mortar Additive as an admixture for Portland cement grouts. Latex-modified mortars should not be applied when the temperature of the area and substrate to be tiled is below 50°F (10°C) as this delays the curing process.

Cautions

FIRST AID MEASURES: In all cases, seek medical attention if symptoms develop or persist. EYES: Flush with water for 20 minutes. SKIN: Wash with soap and water. IF VAPORS

INHALED: Remove to fresh air. IF SWALLOWED: Do not induce vomiting. WARNING! This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. KEEP OUT OF REACH OF CHILDREN. For Medical Emergency Information, call 1-888-853-1758.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered TEC® Skill Set™ brand product(s) under normal environmental and working conditions. Because each project is different, H.B. Fuller Construction Products Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

4. TECHNICAL DATA

Applicable Standard

TEC® Skill Set™ Latex Mortar Additive		
Description	ANSI Requirement	Typical Results when mixed with TEC® Skill Set™ Floor Mortar
28 Day Shear Strength ANSI A118.4		
Glazed Wall Tile	> 300 psi (2.1 MPa)	> 600 psi* (4.1 MPa)
Impervious Ceramic Tile (Porcelain)	> 200 psi (1.4 MPa)	225-325 psi (1.5-2.2 MPa)
Quarry Tile	> 150 psi (1.0 MPa)	400-500 psi (2.8-3.4 MPa)
Sag on Vertical Surfaces	≤ 1/16"	1/16"
Open Time at Room Temperature	≥ 50 minutes	60-80 minutes
Adjustability at Room Temperature	≥ 30 minutes	30-40 minutes
Final Set	9-15 hours	9-15 hours
28 Day Shear Strength ANSI A118.11		
Quarry Tile to Plywood	> 150 psi (1.0 MPa)	> 150 psi (1.0 MPa)

*ANSI-specified glazed wall tile failed at 600 psi (4.1 MPa)

Physical Properties

Description	
Physical State	Liquid
Color	White, dries clear
Freeze/Thaw Stability	Freeze/thaw stable. If frozen, thaw and stir before using.

5. Installation Instructions

Surface Preparation

Refer to detailed information on product packages for each thin set or recommended specialty mortar.



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Mixing

For best results, maintain all tiling materials, substrates, room and adhesives at 50°-70° (10-21°C) for 24 hours before and 48 hours after installation. Avoid using high speed mixing, not to exceed 300 rpm, to prevent entraining air. Add powder to liquid for ease of mixing.

In a clean mixing container, slowly add unmodified mortar to additive as specified in the chart below.

Mortar Size	Amount of Mortar Additive
25 lbs.	2.5-3 quarts
50 lbs.	5-6 quarts
For mortar bed applications: 80 lbs. of a sand/Portland mix	4.5-5 quarts Gauge to proper working consistency

Refer to each thin set or recommended specialty mortar for further mixing instructions.

Application

Install in accordance with detailed instructions on TEC® Skill Set™ thin set or specialty mortar product data sheets or packages.

Drying Time

Refer to detailed information on product packages for each thin set or recommended specialty mortar.

Clean Up

Refer to detailed information on product packages for each thin set or recommended specialty mortar.

6. WARRANTY

For details about our limited warranties, see your sales associate or tecskillset.com.

7. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the Technical Service Helpline.
Toll Free: 800-832-9023
Fax: 630-952-1235

Technical and Safety Literature

To acquire technical and safety literature, please visit our website at tecskillset.com.