

# Star Set 1000 Latex Additive

## 1 Product Name

Star Set 1000 Latex Additive

## 2 Manufacturer

Custom Building Products  
 Technical Services  
 10400 Pioneer Boulevard, Unit 3  
 Santa Fe Springs, CA 90670  
 Customer Support: 800-272-8786  
 Technical Services: 800-282-8786  
 Fax: 800- 200-7765  
 Email: [contactus@cbpmail.net](mailto:contactus@cbpmail.net)  
[custombuildingproducts.com](http://custombuildingproducts.com)



## 3 Product Description

STAR SET® 1000 is a blend of latex emulsions and special chemical modifiers specially formulated for adding to thin-set mortars, underlayment systems and grouts.

### Uses

STAR SET 1000 may be used with all non-modified mortars and grouts. It is suitable for both exterior and interior use. It also may be used with underlayment powder to create an underlayment system.

### Suitable Substrates

Suitable backings, include plumb and true masonry concrete, cured gypsum board (dry areas only), concrete glass fiber reinforced backer board, cured Portland cement mortar beds, brick, concrete block, primed plaster, ceramic tile and marble.

### Limitations to the Product

STAR SET 1000 must not be diluted with water when used with thin-set mortars or underlayments. Used with grouts, it may be diluted with 1 quart (.946 L) of water per 1 gallon (3.78 L) of STAR SET 1000. DO NOT ADD TO POLYMER-MODIFIED THIS-SETS OR GROUTS. When using this liquid do not use a high speed electric drill mixer. This will entrap air, which will in turn weaken the mortar.

## 4 Technical Data

### Technical Chart

#### Technical Data

	Typical Value
<b>Compressive Strength</b>	
Underlayment	3500 psi (246.1 kg/cm <sup>2</sup> )
Dry-Set Mortar	5125 psi (360.3 kg/cm <sup>2</sup> )
Acid Resistant Grout	6275 psi (441.1 kg/cm <sup>2</sup> )
<b>Bond Strength</b>	
Dry-Set Mortar 7 day	600 psi (42.2 kg/cm <sup>2</sup> )
28 day	650 psi (45.7 kg/cm <sup>2</sup> )
Water Absorption	<4%

## 5 Instructions

### General Surface Prep

Surfaces to be installed must be clean and free from dust, loose particles, oils, surface hardeners, paint and other anti-adherents.

### Mixing Procedures

#### Thin-Set Mortars

Published Date: 11/5/2020

Mix Jamo's non-modified thin-set mortars using STAR SET 1000 in place of water. Approximately 1-1/2 to 2 gallons (5.7 L to 7.6 L) admixture is required for each 50 pounds (22.68 kg). The proper consistency is such that when applied with the recommended notch trowel to the substrate, the ridges formed in the mortar will not flow or slump.

### Underlayments

Add 50 pounds (22.68 kg) of FLOOR MUD to 1 1-1/2 to 2 gallons (5.7 L to 7.6 L) of STAR SET 1000 and mix to a proper consistency.

### Grouts

Dilute each gallon (3.78 L) of STAR SET 1000 with 1 quart (.946 L) of water before mixing with Jamo's DRY GROUT.

### Application of Product

Due to the nature of this product, it will always be used with one of Jamo's products, upon which detailed installation procedures will be found.

### Curing of Product

A minimum cure will be obtained in 12 to 24 hours, depending on ambient temperature.

### Cleaning of equipment

Water will remove uncured mortar

### Health Precautions

May cause eye, skin or lung injury. Contains free silica. Prolonged exposure to dust may cause delayed lung disease (silicosis). May cause cancer based on animal data. Eliminate exposure to dust. Use NIOSH approved dust mask for silica dust. Contains Portland cement. If any cement or cement mixture gets into eyes, flush immediately and repeatedly with water, and consult physician promptly. Fresh mixed cement, mortar, concrete, or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water. KEEP OUT OF REACH OF CHILDREN.



# CUSTOM®

# Star Set 1000 Latex Additive

---

## 6 Product Warranty

Seller warrants that should this product prove to be defective material, it will replace the same or refund the purchase price of the goods. THIS WARRANTY IS IN PLACE OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED. WARRANTIES OF MERCHANTABILITY AND OF FITNESS ARE HEREBY DISCLAIMED. The suitability of a product for an intended use shall be solely up to the user. Seller assumes no liability for consequential damages. Its liability shall in no event exceed the purchase price of the materials supplied by it. No person has the authority to change these items and there are no warranties except as herein stated.