



TECHNICAL DATA SHEET

TAMMS MASONRY PRIMER

Block Filler for Decorative and Protective Coatings

09900

PAINTS AND COATINGS
FINISHES

- DESCRIPTION:** TAMMS MASONRY PRIMER is a heavy bodied, water-based acrylic emulsion block filler used in some applications as a primer for TAMMS decorative coating systems such as TAMMSCOAT and TAMMO-LASTIC. TAMMS MASONRY PRIMER will fill pores of masonry surfaces, and still permit the wall to "breathe."
- USES:** TAMMS MASONRY PRIMER is applied exterior or interior above grade, and interior below grade to properly prepared concrete, brick, block stone and stucco surfaces.
- COMPOSITION AND MATERIAL PROPERTIES:** TAMMS MASONRY PRIMER is a water-based emulsion of 100% acrylic resin and unique polymers, mold and fungus inhibitors, freeze-thaw stabilizers, and finely graded texture minerals.
- COLORS:** TAMMS MASONRY PRIMER is available only in an off-white color.
- SURFACE PREPARATION:** Cure new concrete and masonry surfaces 28 days. Surface must be structurally sound, clean, dry, and free of dust, dirt, oil, peeling paint, curing and form release compounds, and other contaminants. Provide an absorptive surfaces on smooth precast, formed concrete, and other substances by abrading the surface. Defective concrete, honeycombs, cracks, cavities and other defects should be routed to sound concrete and patched using compatible materials.
- MIXING INSTRUCTIONS:** TAMMS MASONRY PRIMER should be mechanically mixed using a low speed 3/4 inch drill with a mixing paddle. Mix thoroughly to a uniform, smooth consistency. Do not aerate mix.

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- APPLICATION TECHNIQUES:** Apply TAMMS MASONRY PRIMER to the surface using heavy duty spray equipment capable of spraying ceiling texture, plaster or cement based coatings, stiff brushes or rollers. When sprayed, backrolling is required to ensure good uniform contact with the surface. Avoid applying to excess which can cause the product to run down the wall or puddle. For hand application, use brushes and 1-1/2 inch nap rollers designed for latex paints. Dampen the brushes and rollers with clean water before use. Topcoats of Tamms decorative coatings typically may be applied 12-24 hours following the primer application. See the appropriate Technical Data Sheet for instructions.

Material Properties at 75°F		
TAMMS MASONRY PRIMER		
Weight per Gallon		13.0 ± 0.5 lbs.
Viscosity		120-130 KU
Solids by Weight		70 ± 2%
Solids by Volume		52.5%
<u>Test Method</u>	<u>Criterion</u>	<u>Results</u>
ASTM E514-86		
Water Permeability	<u>Reference</u>	
Dampness Shows	10 mins.	None
First Water Shows	12 mins.	None
Dampness area back of wall	75%	None
ASTM E96		
Water Vapor Trans	20 mils	12 perms
ASTM G26		
Weatherometer 6000 hrs		No crazing, cracking, chipping or flaking. Light chalk and color change. No other deterioration.
ASTM C666		
Freeze Thaw durability(avg.) 300 cycles		100.90%
ASTM 672		
Scaling Resistance	Visual Rating	0
25 cycles	Scaling Mass	None
Freeze Thaw Test, Mod.	50 cycles	No visible defects
Kentucky Method		
Salt spray resistance	300 hrs 5% solution @ 90 F ± 2F	No Adhesion Loss
Fed Test 141, Method 6271		
Fungus Growth	28 days	None
Values are typical and not necessarily referenced to create specifications.		

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- COVERAGE:** Coverage rates are approximate and for estimating purposes only. Surface temperature, porosity of surface and texture will determine actual material requirements. Apply samples to all surfaces to be coated. Obtain approval of Architect or Owner for the color, finish, water repellency, and coverage before proceeding with work. Retain sample or mock-up through completion of project.

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Product	Sq.ft/gal
TAMMS MASONRY PRIMER	40-80

09900

9. **CLEAN-UP INSTRUCTIONS:** Clean tools and application equipment immediately after use with soap and hot water. Clean overspray or drips while still wet with soap and hot water. Dried material may require strong solvents or mechanical abrasion for removal.

10. **CAUTIONS:** Do not thin or dilute TAMMS MASONRY PRIMER. Do not apply if rain is expected within 8 hours. Do not apply over frozen or frost filler surfaces. Do not apply to non-absorbent materials such as glass, metal, glazed brick, or glazed tile. Not for use on traffic bearing surfaces. Do not apply if temperature is below 45°F or above 90°F.

11. **PACKAGING:** TAMMS MASONRY PRIMER is packaged in 5 gallon (18.9 liters) plastic pails, 30 gallon (113.6 liter) drums.

Storage: 50-90°F (10-32.2°C). Protect from freezing.

Shelf Life: One year properly stored.

Freight Class: Class 55

12. **ENVIRONMENTAL AND SAFETY PRECAUTIONS:**

Industrial Use Only. TAMMS MASONRY PRIMER is a water based product and nonflammable. Provide adequate ventilation. It can be irritating to the eyes and skin. Wear goggles and protective clothing. In case of eye contact, flood eyes repeatedly with clean water and call a physician immediately. **DO NOT RUB EYES!** Wash hands thoroughly with soap and water after handling or before smoking or eating. Do not take internally. If ingested, do not induce vomiting. Call a physician immediately. **READ MATERIAL SAFETY DATA SHEET BEFORE USING. FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN AND ANIMALS.** EMERGENCY RESPONSE PHONE NUMBER (800) 862-2667 TAMMS OR (800) 424-9300 CHEMTEC.

13. **TECHNICAL SERVICE:** For application procedures or surface conditions not specified above, please contact:

TAMMS INDUSTRIES
3835 State Route 72, Kirkland, IL 60146
800-862-2667 FAX: 815-522-2323
www.tamms.com

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