



PRODUCT PROFILE

DESCRIPTION

TUFF GUARD 99® is a spray-applied coating which dries to a hard yet flexible textured finish. This material is used for the protection and beautification of EIFS, stucco, vertical metal surfaces, and concrete surfaces, and concrete surfaces where a thick stucco or textured concrete appearance is desired. These finishes are extremely resistant to abrasion and wear. This coating dries quickly to a hard durable finish and its texture is ideal for masking surface imperfections.

FEATURES

- Available in Sand and Medium Textures
- High-Build Textured Coating
- One-Coat Application
- Apply Directly to an EIFS Base Coat
- Apply to Previously Coated EIFS Finish
- Apply to Primed Brown and Scratch Stucco Coats for a Textured Finish.
- Apply to Vertical Metal Surfaces
- Apply to Concrete Surfaces

BENEFITS

- Tough, Robust Aggregate
- Long-Term Protection
- Lower Application Cost
- Reduced Application Time
- Lower Maintenance Costs

RECOMMENDED PRIMERS / SUBSTRATES

Apply directly to EIFS, Stucco Brown and Scratch Coats, Vertical Metal Surfaces, Concrete Tilt Wall, and Cast in Concrete Surfaces. Primers – Concrete Masonry Primer, METAL-PRIME™ Primer, RE-COTE™ Primer.

PRODUCT APPLICATION

APPLICATION EQUIPMENT

For Spray Application: Product should be applied using a Graco 2030 or similar texture spray rig. A Graco 204-000 Textured Spray Gun is recommended which utilizes the “Buck Rogers” style tip. Textured appearance can be modified by altering tip sizes. Tip sizes between 1/4” - 3/8” are recommended depending on application technique. Mock-up sample for architect/owner’s approval is recommended.

SURFACE PREPERATION

All surfaces should be sound, clean, and dry prior to coating application. The surface should be free of all oil, grease, dirt, mildew, concrete bond breakers, curing compounds, and efflorescence. Efflorescence can be removed using a mild acid solution. All other contaminants can be removed by a mild Tri-sodium Phosphate (TSP) solution, followed by thorough rinsing. This coating may be applied to previously painted surfaces without the use of a primer if the surface is in sound condition with no chipping, flaking, or chalking present. This coating may be applied over an EIFS base coat without the use of a primer. This coating may be applied directly to sound clean concrete.

All concrete surfaces should cure for a minimum of two (2) weeks and the concrete pH should not exceed 13. Stucco should be fully cured and dry hard which is typically 14 days under normal drying conditions. For coating previously painted metal substrates, METAL-PRIME™ Primer should be used. Primers should be allowed to cure for a minimum of 12 hours prior to the application of the TUFF-GUARD 99®.

APPLICATION

Apply this textured coating after the surface has been prepared according to the previous directions. For spray Application, apply at a coverage rate of 80-100 square feet per gallon (2.0-2.5 sq. m/L) depending on the texture chosen. Always maintain a wet edge. Allow a minimum of 24 hours to dry under ideal weather conditions prior to exposure to water.

MAINTENANCE

No special maintenance is required. Should this coating become soiled, clean with light water pressure and mild detergent.

CLEAN-UP

Water



TECHNICAL DATA SHEET

Stucco and EIFS Finishes **TUFF-GUARD 99®**

BEST PERFORMANCE

IMPORTANT STEPS

TUFF-GUARD 99® shall be applied under the following ideal conditions:

- Rain is not imminent, and the surfaces are not damp or frozen. Avoid freezing product.
- Do not apply material when snow, rain, and freezing are imminent. Wet conditions combined may cause improper curing of product.
- Application temperature is above 50°F and rising, not to exceed 100°F (37.7°C) and 5°F over dew point.
- All foreign matter should be removed prior to the coating application.
- Material use is above grade only. Do not use below grade.
- Avoid application in direct sunlight as this will shorten the open time and coating's ability to wet into itself.
- Mix thoroughly before using. Product must be used within 12 months; store and handle as specified by the manufacturer.
- TEX-COTE LLC does not promote or recommend coating the sealant joints nor is the sealant compound an approved substrate.

TECHNICAL DATA

PHYSICAL PROPERTY	TYPICAL RESULT
Color Available	Wide Range of Colors
% Solids by Volume	~56%
Gloss	Flat Finish
Texture	Sand and Medium Texture

PHYSICAL PROPERTY	TYPICAL RESULT
Viscosity	110-115 KU, Paste Paddle
VOC (grams/liters minus water)	<50 g/L
Weight Percent	57-62%
Weight / Gallon (pounds)	10.0 lbs ± 0.25 Lbs

TUFF GUARD 99® Applicable Standards | American Society for Testing Materials

TEST METHOD	PROPERTY	RESULT
ASTM B117	Operating Salt Spray (Fog) Apparatus	300 Hours
ASTM D522	Flexibility (Mandrel Bend Test)	1"
ASTM D2243	Freeze/Thaw Resistance	Pass
ASTM G153	Accelerated Weathering	5,000 Hours
ASTM E84	Surface Burning Characteristics of Building Materials	Pass
ASTM E96-95	Water Vapor Transmission	9.7 Perms
TT-C555B	98 MPH Wind-Driven Rain	Pass
TT-C555B	Abrasion Resistance	2,000 Liter
ASTM D3274	Fungus Growth Resistance	No Growth

ORDER INFORMATION

PACKAGING

Available in five (5) gallon (19 L) containers.

Material coverage rates vary due to surface porosity, texture and application method.

COLORS

Product is available in TEX-COTE® standard paint colors. Contact the manufacturer for special color-matching. Contact a representative for information.

SHELF LIFE

12-Month Shelf Life under proper conditions:

- Containers shall be stored upright and airtight in a dry place.
- Maintain air temperature of 45°F to 100°F (7°C to 37.7°C)
- Skins formed on surface of material must be removed prior to moving containers or mixing.



SAFETY

WARNING

- DO NOT breathe spray mist or dust.
- AVOID contact with eyes, skin, and clothing.
- Wash thoroughly after handling.
- Use in well-ventilated areas.
- Use approved respirator in poorly ventilated areas.
- Keep liquid product away from heat sources and children.
- For Professional Use Only

FIRST AID

- If you experience difficulty in breathing, leave the area to obtain fresh air.
- If difficulty continues, seek medical attention.
- In case of eye contact, flush immediately with large quantities of water for at least 15 minutes.
- Seek medical attention if blurring or redness continues.
- If swallowed, do not induce vomiting.
- Seek medical treatment immediately; Refer to MSDS for further information.

VOC COMPLIANCE

All TEX-COTE® products comply with federal Volatile Organic Compound (VOC) rules and regulations.

Please contact your nearest TEX-COTE LLC office for assistance with the local and state VOC compliance in the area of intended use.

Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Safety Data Sheet for important health and safety information prior to the use of this product. Keep out of the reach of children.

WARRANTY

Upon completion of the application of the coating in accordance with the manufacturer's recommendations, TEX-COTE LLC will extend its limited commercial warranty for product replacement as a result of a defect in the material. The manufacturer must be notified prior to the application of the coating, and the application must be in compliance with the manufacturer's recommendations for installation. TEX-COTE LLC shall have no obligation to contribute to or otherwise participate in labor or cost associated with effecting repairs. A specific copy of material warranty is available upon request.

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