

Architectural Coatings

Perma-Crete Masonry Coatings Texture Coating

GENERAL DESCRIPTION

Perma-Crete Texture Coatings are specifically designed for interior and exterior, above grade, masonry, concrete, wood and metal surfaces requiring high performance textured finishes. They are alkali and efflorescence resistant. *Perma-Crete* textured coatings provide resistance against water, UV light, staining and are breathable. They pass TT-C-555B and ASTM D6904 for wind driven rain. *Perma-Crete* textured coatings provide a stain resistant texture finish that is excellent for high traffic, large wall areas. These finishes are a decorative textured coating ideal for high-rise apartments and condominiums, hospitals, schools, hotels, resorts and residential homes.

RECOMMENDED SUBSTRATES

Brick	Fiber Cement Siding	Tilt-Up
Concrete	Masonry	
Concrete Block (CMU)	Stucco	

CONFORMANCE STANDARDS

Compliant with all US VOC regulations as of 08/2026
MPI approved in category 42 (4-50)

TINTING AND BASE INFORMATION

4-50	Fine Texture/White & Mixing Base
4-65	Medium-Soft Texture/White & Mixing Base
4-70	Coarse Texture/White & Mixing Base

Refer to color formula book, computer color matching system, or automatic tinting equipment for color formulas and tinting instructions.

FEATURES AND BENEFITS

Features

Textured Finish
Variety of Textures
Resists Wind Driven Rain

High Build
Water Vapor Permeance
Mildew Resistant Coating
UV Resistance
Low VOC, < 100 g/L
MPI #42 Approval (4-50 only)

PRODUCT DATA

PRODUCT TYPE:	100% Acrylic
SHEEN:	Flat
VOLUME SOLIDS*:	58% +/- 2%
WEIGHT SOLIDS*:	75% +/- 2%
WEIGHT/GALLON*:	13.9 lbs. (6.3 kg) +/- 0.2 lbs. (91 g)
VOC:	< 100 g/L (0.4 lbs./gal.)

*Product data calculated on product 4-50.

COVERAGE: Approximately 100 sq. ft. (9 sq. meters) per U.S. gallon (3.78 L), depending on surface porosity.

Wet Film Thickness:	12 mils to 16 mils
Wet Microns:	305 to 406
Dry Film Thickness:	7.0 mils to 9.3 mils
Dry Microns:	179 to 236

Coverage figures do not include loss due to surface irregularities and porosity, or material loss due to application method or mixing. Allow 25 to 30% material loss if applied by spray.

DRYING TIME: Dry time @ 77°F (25°C); 50% relative humidity.

To Touch:	3 to 4 hours
To Recoat:	12 to 16 hours

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement.

CLEANUP: Clean tools with warm, soapy water.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

FLASH POINT: Over 200°F (93°C)

PERFORMANCE DATA

Property	Test Method	Results
Resistance to Wind Driven Rain	ASTM D6904	Passes: pinhole free film, one coat 4-603XI <i>Perma-Crete</i> Primer @ 2 mils DFT and two coats 4-50 <i>Perma-Crete</i> Texture @ 9 mils DFT per coat Passes: pinhole free film, one coat each; 4-603XI <i>Perma-Crete</i> Primer @ 2 mils DFT, 4-50 <i>Perma-Crete</i> Texture @ 9 mils DFT, and 4-22XI <i>Perma-Crete</i> High Build @ 5 mils DFT Passes: pinhole free film, one coat each; 4-50 <i>Perma-Crete</i> Texture @ 9 mils DFT and 4-22XI <i>Perma-Crete</i> High Build @ 5 mils DFT > 15 perms No growth
Water Vapor Permeance	ASTM D1653	
Mildew Resistance	ASTM D5590	

Read Label and Safety Data Sheet prior to use. See other cautions on last page.

GENERAL SURFACE PREPARATION

Surfaces to be coated must be dry, clean, sound, and free from all contaminants, including loose and peeling paint, dirt, grease, oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, and dust. Remove loose paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Feather back all rough edges to sound surface by sanding. New plaster should be cured and thoroughly dry, and new masonry and concrete should age for 30 days, then prime with an alkali-resistant primer. Prime all other bare and porous surfaces with an appropriate primer.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted, NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

BRICK: New brick and mortar should cure for at least 7 days and preferably 30 days prior to painting. The pH of the substrate must be less than 13. Painting glazed brick is not recommended due to potential adhesion problems.

CONCRETE and MASONRY: New concrete should cure for at least 7 days and preferably 30 days prior to painting. The pH of the substrate must be less than 13.

CONCRETE/MASONRY BLOCK: Mortar should cure for at least 7 days and preferably 30 days prior to painting. Surfaces previously coated with water thinned cement-based paint must be prepared with extra care. If the material appears to be adhering tightly, a masonry sealer may be applied to seal the surface. Check adhesion by applying a piece of masking tape. If the sealer peels off and has loose particles, remove all chalking or crumbling material, re-seal and re-check adhesion.

FIBER CEMENT: Fiber cement siding and trim may present potential adhesion, alkali burn, and efflorescence problems. New board should be aged for at least 30 days prior to priming and painting. The pH of the substrate must be less than 13 and the moisture content must be less than 12% prior to priming and topcoating. All cracks and opens seams should be caulked to prevent water penetration. Preprimed board from the manufacturer may not be uniformly or completely sealed. It is recommended that an alkali resistant primer be applied to ensure complete and uniform sealing prior to topcoating.

STUCCO: New stucco should cure for at least 7 days and preferably 30 days prior to painting. The pH of the substrate must be less than 13. Surface chalk from the curing or aging process should be removed then sealed with an appropriate sealer to rebind and restore the surface to a sound condition.

TILT-UP or PRE-CAST CONCRETE: New tilt-up or pre-cast should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 13 before priming with an alkali resistant primer. Moisture content should be less than 12% prior to priming and topcoating. All bond breakers, release agents, and admix plasticizers must be removed to prevent adhesion problems. Bond breakers and similar surface contaminants should be removed as directed by the tilt-up manufacturer which can include specific cleaners, powerwashing, and/or surface profiling by mechanical methods. Surface chalk from the curing or aging process should be removed then sealed with an appropriate sealer to rebind and restore the surface to a sound condition. Additional surface preparation guidelines can be found by referring to Technical Bulletin HT-2 *Guide on Painting Tilt-Up Concrete*. Information or a copy of the bulletin can be obtained by calling 1-800-441-9695.

RECOMMENDED PRIMERS

Product is self-priming in most applications, but other primers that can be used are:

Brick	4-808, 4-503, 4-603XI 17-921XI
Concrete Block (CMU)	4-100XI, 4-503, 4-603XI, 17-921XI
Concrete/Masonry	4-808, 4-503, 4-603XI 17-921XI
Fiber Cement Siding	4-503, 4-603XI, 17-921XI
Stucco	4-808, 4-503, 4-603XI 17-921XI
Tilt-Up/Precast Concrete	4-603XI, 17-921XI

PACKAGING

5-Gallon (18.9 L)

LIMITATIONS OF USE

Apply only when air and surface temperatures are above 50°F (10°C) and at least 5°F (3°C) above the dew point. Air and surface temperatures must remain above 50°F (10°C) for the next 24 hours. For exterior application, avoid painting late in the day when dew or condensation are likely to form or when rain is expected. Not recommended for use on surfaces demonstrating hydrostatic or high vapor pressure or for immersion service. Do not use on floors. Always back roll the surface when applied by spray to achieve a pinhole free film.

PROTECT FROM FREEZING.

While this product provides a mildew resistant coating, growth may still occur if the substrate is not properly prepared prior to painting and/or if the substrate is consistently exposed to conditions conducive to mold, mildew, and algae.

APPLICATION INFORMATION

Mix thoroughly with a power mixer before application and occasionally during use. When using more than one container of the same color, intermix to ensure color uniformity. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Safety Data Sheet (SDS) information prior to use. SDS are available through our web site or by calling 1-800-441-9695.

Application Equipment: Apply by texture sprayer, roller, or brush. Apply by professional hopper gun or brush to small areas only. When applying by roller, the final passes should be completed in a downward direction to ensure a uniform appearance. Maintain a wet edge for sheen uniformity. May be topcoated with any conventional coating.

Airless Spray: For airless spray, use a GRACO® TEXSPRAY™ texture sprayer or similar equipment capable of delivery rate to 3 gpm at pressure of 1000 psi and ability to handle maximum aggregate size of 3 mm for the coarse texture. Spray equipment must be handled with due care and in accordance with manufacturer's recommendations. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Brush: Nylon/Polyester Brush

Roller (nap roller cover): 3/4" - 1"

Thinning: Do not thin.

Permissible temperatures during application:

Material: 50 to 90°F (10 to 32°C)

Ambient: 50 to 100°F (10 to 38°C)

Substrate: 50 to 100°F (10 to 38°C)

PRECAUTIONS

For warning information, please refer to the product label and SDS available at the online listing for this product at www.pittsburghpaintsco.com. Keep container tightly closed and sealed until ready for use. SDS, spill, and emergency information are available by calling 1-833-477-1553.

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