



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 D6904-03 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.

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: 100 to 135 sq. ft. (9 to 13 sq. meters) per US gal. (3.78L)

RECOMMENDED SUBSTRATES

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

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.

CONFORMANCE STANDARDS

Compliant with all US VOC regulations as of 10/2024
MPI approved in category 42 (4-50)

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.

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

CLEANUP: Clean tools and hands immediately 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.

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

FLASH POINT: Over 200°F (93°C)

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 and 4-60 only)

Benefits

Decorative appearance / Minimizes surface imperfections
Resists cracking and peeling due to movement of the substrate
Water resistance requires a three (3) coat pinhole free system @ standard coverage rate; 1 ct 4-603XI and 2 cts 4-50
Provides extra protection in fewer coats
Breathable film allows moisture vapor to escape
Mildew and fungal growth resistance on the paint film
Extends newly painted look
Compliant with all US VOC regulations as of 10/2024
Meets strict performance and aesthetic requirements

PERFORMANCE DATA

Table with 3 columns: Property, Test Method, Results. Rows include Resistance to Wind Driven Rain, Water Vapor Permeance, and Mildew Resistance.

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. In Canada contact a regional Health Canada office. Follow these instructions to control exposure 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 AF-2008-8 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 surface is 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. Avoid exterior application late in the day when dew and condensation are likely to form or if precipitation 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. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

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. 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 with a high quality brush, roller, or by spray equipment. 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.

Airless Spray: Use a Graco TexSpray or similar equipment capable of delivery rate to 3 gpm at pressure of 1000 psi and ability to handle maximum aggregate size of 3mm 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: High Quality Polyester/Nylon Brush

Roller: 3/4" - 1" nap synthetic roller cover

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

WARNING! HARMFUL IF INHALED. HARMFUL IF SWALLOWED. CAUSES RESPIRATORY TRACT AND EYE IRRITATION. Sanding and grinding dusts may be harmful if inhaled. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Do not breathe vapor or mist. Do not swallow. Do not get on skin or clothing. Avoid contact with eyes. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use personal protective equipment as required. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information. FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. Call physician immediately. Contains isothiazolinones. May cause allergic reaction. Keep out of the reach of children. For workplace use, an SDS is available from your retailer or by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.).

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