

PERMA-CRETE 100% ACRYLIC TEXTURE COATING INTERIOR/EXTERIOR 4-50C, 4-60C

Water based product, flat finish

Technical Data Sheet



Technical Specifications (21°C (70°F))

Solids by Volume* – 58% (+/- 2%)

Solids by Weight* – 74% (+/- 2%)

Volatile Organic Compounds (VOCs)*

According to ASTM D3960-05: 60 g/L

Canadian regulation: < 100 g/L

Colour - 4-50C Fine Texture, 4-60C Medium Texture

Gloss Level- Sheen: @85° Flat 0-3%

Practical Coverage

100 - 136 sq. ft. per gallon

9 – 14 sq. m/3.78 L

(Actual coverage will vary depending on substrate and application method.)

Resin Type

• 100% Acrylic

Viscosity* Ready to use (125 - 135 Krebs Units)

Flammability- Flash Point Over 200°F (93°C)

Recommended Film Thickness

Wet : 11.7 mils to 16.0 mils Dry : 6.8 mils to 9.3 mils

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing.

Drying Time: Dry time @70°F (21°C); 50% relative humidity

To Touch: 3-4 hours To Handle: 24 hour

To Recoat: 12 to 16 hours

Certifications - As of August 2014

Approved to: MPI Category #42 (textured coating, latex, flat)

*Product data calculated on 4-50C

General Surface Preparation

Surfaces to be coated must be dry, clean, sound, and free from all contamination 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. Prime all bare and porous substrates with an appropriate primer.

- Clean surfaces per ASTM Standard Practice D4258-83: Standard Practice for Surface Cleaning Concrete for Coating. Vacuum cleaning, water cleaning, detergent water wash, power wash cleaning, steam cleaning, hand tool and mechanical cleaning are acceptable cleaning methods. Remove efflorescence by pressure washing or cleaning with dilute muriatic acid (following manufacturer's instruction) or a solution of 1 part white vinegar to 4 parts water. Rinse thoroughly and allow to dry.
- Remove mildew by washing with 1 part chlorine bleach to 3 parts water. Before use, be sure to read and follow instructions and warnings on label.

Product Description

PERMA-CRETE® 100% Acrylic Texture Coatings are specifically designed for interior and exterior, above ground, masonry, concrete, wood and metal surfaces requiring high performance textured finishes. PERMA-CRETE textured coatings provide resistance against water, UV light, staining and are breathable. They pass TT-C-555B and ASTM D6904-3 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

Features and Benefits

Feature	Benefit
Textured Finish	Decorative Appearance/Minimizes surface imperfections
Variety of Textures	Increased appearance options available
Resists Wind Driven Rain	Water resistance requires a 3 coat pinhole free system @ standard coverage rate: 4-100C, 4-50C, 4-60C.
Water Vapour Permeance	Breathability
High Build	Provides extra protection in fewer coats (1 coat)
Excellent Application Properties	Less time for application
Mildew Resistant Coating	Mildew and fungal growth resistant paint film
UV Resistance	Looks like new longer

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Available at Dulux Paints Stores across Canada and Betonel-Dulux Stores in Québec

- Dry substrate thoroughly to moisture content under 12%. Clean chalky paint in good condition by sweep blasting, power washing, wire brushing, etc. to remove loose material. After cleaning, powdery, chalky, and/or unpainted recommended substrates may be conditioned with a coat of PERMA-CRETE Exterior Acrylic Clear Masonry Surface Sealer 4-808C, Pigmented Masonry Surface Sealer 4-809C.

Precaution: Dry sanding, flame cutting and/or welding of dry paint film will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

ALUMINUM: This substrate may present potential adhesion problems. Any coating applied directly to aluminum should be spot applied, allowed to cure overnight, and then evaluated for adhesion. If adhesion is good, the application may proceed. Check adhesion by applying a piece of masking tape. When the masking tape is removed, if the coating peels off, the surface must be scuff sanded prior to proceeding to ensure mechanical adhesion. Prime with Dulux Weatherguard 1535 or Dulux Gripper 60000.

BRICK: New brick and mortar 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 10 before priming. Use of an alkali resistant primer is recommended. Painting glazed brick is not recommended due to potential adhesion problems. Self-priming or if chalky surfaces are evident use 4-808C or 4-809C.

CONCRETE and MASONRY: New concrete 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 10 before priming. Use of an alkali resistant primer is recommended. Prime with Dulux Weatherguard 1535 or Dulux Gripper 60000 or if chalky surfaces are evident use 4-808C or 4-809C.

CONCRETE/MASONRY BLOCK: Mortar should cure for at least 30 days and preferably 90 days prior to priming. Fill block with an appropriate block filler. Use of an alkali resistant primer is recommended after application of block filler. 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, reseal and re-check adhesion. Use 4-100C Perma-Crete LTC Masonry Surfer.

PLASTER: Plaster, hard coat, skim coat, or other alkaline surfaces should be allowed to cure for at least 30 days and have a surface pH of less than 10 prior to priming. Use of an alkali resistant primer is recommended. Prime with Dulux Weatherguard 1535 or Dulux Gripper 60000.

STUCCO: New stucco should cure for at least 7 days and preferably 30 days prior to priming and painting. The pH of the substrate must be less than 13 before priming with an alkali resistant primer. 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. Prime with Dulux Weatherguard 1535 or Dulux Gripper 60000 or if chalky surfaces are evident use 4-808C or 4-809C.

WOOD: Unpainted wood or wood in poor condition should be sanded smooth, wiped clean, then primed with an appropriate primer. Any knots or resinous areas must be primed before painting. Countersink all nails, putty flush with surface, then prime. Prime with Dulux Weatherguard 1535 or Dulux Gripper 60000.

Application

Mix thoroughly with a power mixer before application and occasionally during use. When using more than one can of the same color, mix together (box) before applying.

Application Equipment: Apply by texture spray, 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.

Brush Polyester/Nylon Brush

Roller: 15-25mm nap synthetic roller cover

Spray: Graco 1030 Texspray. Minimum requirements: Pressure 1000 psi, tip 3mm, flow rate 3 gal/minute. 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.

Thinning: Not recommended

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

Limitations of Use

Apply when air, surface and product temperatures are above 50°F (10°C) and surface temperature is at least 5°F (3°C) above the dew point*. Avoid exterior application late in the day when dew and condensation are likely to form or if rain is expected. Do not use on steps, walkways, or other foot or vehicle traffic areas. Not recommended for use on surfaces demonstrating hydrostatic or high vapour pressure or for immersion service.

*Air and surface temperatures must remain above 50°F (10°C) for the next 24 hours.

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 mould, mildew, and algae. Examples of these conditions include, but are not limited to, under eaves, behind shrubbery and trees, and in areas that are consistently damp with little to no direct sunlight.

Storage and Transportation

Keep product cool and dry.

DO NOT FREEZE

Disposal

Consult your municipality about proper disposal procedures in accordance with the laws and respect the environment or give leftover paint to someone who could use it: a neighbour or friend, a recreational service or a non-profit organization. Do not pour leftover product down the drain.

Safety Measures

Read the Material Safety Data Sheet. Avoid contact with eyes. Keep out of reach of children. Use only in well ventilated areas. **FIRST AID TREATMENT:** If in contact with eyes, rinse thoroughly with clear water. If swallowed, do not induce vomiting. Call poison centre or physician immediately.

For product information call: 1-(800)-387-3663
www.dulux.ca

This technical data sheet, No. 4-50C, 4-60C replaces all earlier versions. Edition of August 2014

