

GENERAL DESCRIPTION

Perma-Crete 100% Acrylic Texture Coating is specifically designed for interior and exterior, above grade, masonry, concrete, wood and metal surfaces requiring high performance textured finishes.

It is alkali and efflorescent resistant.

Perma-Crete Textured Coatings provide resistance against water, UV light, staining and are breathable.

Perma-Crete textured coating is excellent for high traffic, large wall areas.

This finish is a decorative textured coating ideal for high-rise apartments and condominiums, hospitals, schools, hotels, resorts and residential homes.

RECOMMENDED SUBSTRATES

Brick	Concrete
Concrete masonry unit (CMU)	Masonry
Metal	Plaster
Plywood	Stucco

See details in the "recommended primers" section.

CONFORMANCE STANDARDS

- Complies with the Canadian Volatile Organic Compound Concentration Limits for Architectural Coatings Regulations.
- MPI #42, Flat Latex Stucco and Masonry Textured Coating.

TINTING AND BASE INFORMATION

Refer to the appropriate colour formula book, automatic tinting equipment, and/or computer colour-matching system for colour formulas and tinting instructions.

4-50C	Fine texture	White & Mixing Base
4-60C	Medium texture	White & Mixing Base

Some colours, drastic colour changes, or porous substrates may require more than one coat to achieve a uniform finish.

PACKAGING

18.3 L

PRODUCT DATA

PRODUCT TYPE:	100% Acrylic Latex
SHEEN:	Texture Coating 0 to 3 (85° Gloss Meter)
VOLUME SOLIDS*:	58% ± 2%
WEIGHT SOLIDS*:	75% ± 2%
VOC*:	< 50 g/L
DENSITY*:	1.7 kg/L
VISCOSITY:	125 to 135 KU

*Product data calculated on product 4-50C.

SPREADING RATE PER COAT: Approximately 9 to 14 m² (100 to 150 ft²) per 3.78 litres on smooth, nonporous surfaces.

Wet Film Thickness: 297 to 407 microns
11.7 to 16.0 mils

Dry Film Thickness: 172 to 237 microns
6.8 to 9.3 mils

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

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

To Touch:	3 to 4 hours
To Recoat:	12 to 16 hours
Full curing:	30 days

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

Permissible temperatures during the application:

Material:	10 to 32°C	50 to 90°F
Ambient:	10 to 38°C	50 to 100°F
Substrate:	10 to 38°C	50 to 100°F

CLEANUP: Remove as much product quantity as possible and clean tools with lukewarm soapy water immediately after use.

DISPOSAL: Consult your municipality in order to dispose of paint residues according to environmental regulations. Do not pour down a drain or storm sewer.

FLASH POINT: Over 93 °C (200 °F)

FEATURES / BENEFITS

Features

Textured Finish
Variety of Textures
Water Vapour Permeance
High Build.
Freeze/Thaw Resistance
Adhesion
Excellent Application Properties
Mildew resistance on the paint film
UV Resistance
Meets MPI #42, Flat Latex Stucco and Masonry Textured Coating
VOC Compliant

Benefits

Decorative Appearance / Minimizes surface imperfections.
Increased options available.
Breathability.
Provides extra protection in fewer coats (1 coat).
Improved quality and consistency.
More forgiving on a variety of substrates.
Less time for application.
Mildew and fungal growth resistant paint film.
Looks like new longer.
Allows additional specification opportunities.
Lower than the Canadian Volatile Organic Compound Concentration Limits for Architectural Coatings Regulations.

PERFORMANCE DATA

Property	Test Method	Results
Water Vapour Permeance	ASTM D1653	Greater than 15 perms
Mildew resistance on the paint film	ASTM D3273/74	No growth.

LIMITATIONS OF USE

PROTECT FROM FREEZING. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

Apply only when air, surface, and product temperatures are between 10 °C (50 °F) and 32 °C (90 °F) and at least 3 °C (5 °F) above the dew point.

Air and surface temperatures must remain between 10 °C (50 °F) and 32 °C (90 °F) for the next 24 hours.

Avoid painting in direct sunlight or on hot surfaces.

Do not apply late in the day when dew and condensation are likely to form or if rain or snow precipitation is expected within 48 hours.

Do not use on steps or on floors.

Not recommended for use on surfaces demonstrating hydrostatic, high vapour pressure, in high humidity areas, or on submerged surfaces.

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.

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 or open seams.

Sand all glossy, rough, or patched surfaces.

Feather back all rough edges to sound surface by sanding.

Prime all bare and porous substrates with an appropriate primer.

Clean the concrete surfaces per ASTM Standard Practice D4258: Standard Practice for Surface Cleaning Concrete for Coating. Vacuum cleaning, water cleaning, detergent water wash, power wash cleaning, steam cleaning, hand tools and mechanical cleaning are acceptable cleaning methods.

Efflorescence: Remove efflorescence by pressure washing or cleaning with diluted muriatic acid. Before use, be sure to read and follow the instructions and warnings on the label.

Mildew: Remove mildew with a solution of household bleach (1 part household bleach to 3 parts of water). Before use, be sure to read and follow the instructions and warnings on the label. Wear rubber gloves and eye protection. Rinse thoroughly with clear water and let dry completely.

Allow the substrate to dry to moisture content under 12% (ASTM D4263: Standard Test Method for Indicating Moisture in Concrete by the Plastic Sheet Method).

Remove chalk residue from substrates in good condition by sweep blasting, power washing, wire brushing, etc., to remove loose material. After cleaning, if chalk remains, vertical surface should be restored using Acrylic Masonry Surface Sealer *Perma-Crete 4-808C*.

PRECAUTION: Dry sanding will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. Wear suitable respiratory protective equipment when exposure cannot be avoided by adequate local ventilation. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. 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. Contact a regional Health Canada office for more information. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

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. If the coating peels off when the masking tape is removed, the surface must be scuffed sanded prior to proceeding to ensure mechanical adhesion.

GENERAL SURFACE PREPARATION

BRICK: New brick and mortar should cure for at least 30 days and preferably 90 days prior to priming and topcoating. The pH of the substrate must be less than 10 before priming with an alkali resistant primer. Painting glazed brick is not recommended due to potential adhesion problems.

CONCRETE & MASONRY: New concrete and mortar should cure for at least 30 days and preferably 90 days prior to priming and topcoating. The pH of the substrate must be less than 10 before priming with an alkali resistant primer.

CONCRETE MASONRY UNIT (CMU): Mortar should cure for at least 30 days and preferably 90 days prior to priming. Fill block with an appropriate 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 recheck adhesion.

FERROUS METAL: The surface must be cleaned thoroughly to remove any dust, rust, oil, and surface contaminants, and then primed.

GALVANIZED STEEL: Caution must be used when selecting coatings for use on all galvanized metal surfaces. These substrates may have a factory-applied stabilizer, which is used to prevent white rusting during storage and shipping. Such stabilizers must be removed by either brush blasting, sanding, or chemical treatment prior to priming with an appropriate primer.

PLASTER: Plaster or other alkaline surfaces should be allowed to cure for at least 30 days prior to prime with an alkali resistant primer. The pH of the substrate must be less than 10 before priming with an alkali resistant primer.

STUCCO: Prior to priming or topcoating, stucco should cure for at least 30 days and preferably 90 days. The pH of the substrate must be less than 10 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.

PLYWOOD: Unpainted plywood or wood in poor condition should be sanded smooth, wiped clean, and then primed. Any knots or resinous areas must be primed before painting. Countersink all nails, putty flush with surface, then prime.

Before use, be sure to read and follow the instructions and warnings on the label.

Contact your local representative for any additional surface preparation guidelines.

RECOMMENDED PRIMERS

Aluminum:	17-921XIC, 90-712C, 1535	Brick	17-921XIC
Concrete	17-921XIC	Concrete/Masonry Block	17-921XIC, 36250
Ferrous Metals	90-712C	Galvanized Steel	90-712C, 1535
Masonry	17-921XIC	Plaster	17-921XIC, 60000A
Plywood	17-921XIC, 60000A	Stucco	4-809C, 17-921XIC

APPLICATION INFORMATION

KEEP OUT OF REACH OF CHILDREN. USE WITH ADEQUATE VENTILATION.

Read all label and Safety Data Sheet (SDS) information prior to use. SDS are available from your retailer, through our website or by calling 1-800-463-7426.

Mix thoroughly with a power mixer before application. When using more than one container of the same colour, intermix to ensure colour uniformity.

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: High quality polyester/nylon brush.

Roller: 20 - 25 mm (3/4 - 1 in.) nap synthetic roller cover.

Airless Spray: Graco 1030 Texspray.

Minimum requirements:	Pressure:	1000 psi,
	Tip:	3 mm,
	Flow rate:	11.3 litres/minute.

Spray equipment must be handled with due care and in accordance with the manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Thinning: Not recommended.

PRECAUTIONS

Keep out of the reach of children. Keep containers tightly closed and sealed until ready for use.

Before using the products listed in this publication, carefully read each product label and follow directions for its use. Use personal protective equipment as required. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation.

Note: These warnings encompass the product series.

MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION. Avoid breathing vapours, spray or mists. Avoid contact with skin and eyes. Wear protective gloves/clothing and eye/face protection.

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. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Get medical attention if irritation develops. If inhaled, remove to fresh air. If experiencing respiratory symptoms call poison centre or doctor/physician.

For workplace use, an SDS are available from your retailer, through our website or by calling 1 800 463-7426.

EMERGENCY SPILL INFORMATION: 1 514 645-1320 or 1 800 463-7426.

LIMITED WARRANTY

PPG Architectural Coatings Canada, Inc. warrants performance of its products to its intended use if properly applied in accordance with the label directions and the specifications of the technical data sheet. Having no control over the application methods and conditions or the circumstances related to its use, no other warranty, expressed or implied, statutory or otherwise is given. This limited warranty extends only to the original purchaser of the product and is not transferable or assignable. If the product fails to conform to this limited warranty, we will, at your option, furnish replacement product or refund the purchase price. This limited warranty excludes (1) labour or costs of labour for the application or removal of any product and (2) all other direct, indirect, incidental, special or consequential damages.

The *PPG Paints* is a registered trademark of PPG Industries Ohio, Inc. *Perma-Crete* is a registered trademark of PPG Architectural Finishes, Inc. *MPI* is trademark of Master Painters Institute, Inc.

PPG Architectural Finishes, Inc. believes the technical data presented is currently accurate: however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-866-660-2220.



PPG Industries, Inc.
Architectural Coatings
One PPG Place
Pittsburgh, PA 15272
www.ppgpaints.com

PPG Architectural Coatings Canada Inc.
2505, de la Metropole
Longueuil, QC, Canada, J4G 1E5

Technical Services	450 442-2220	
	1 866 660-2220	Architect/Specifier
Fax:	450 679-8893	1-888-PPG-IDEA
	1 800 278-8893	