



Architectural Coatings

OLYMPIC® Elastomeric Coating Smooth

GENERAL DESCRIPTION

OLYMPIC® Elastomeric Coating keeps moisture from penetrating the substrate, but allows vapors to pass through with ease. The 100% acrylic formula is designed for use on a variety of exterior, above grade, masonry surfaces such as high-rise apartments, warehouses, concrete parking structures, hospital or schools.

RECOMMENDED SUBSTRATES

Brick	Fiber Cement Siding	Tilt-Up
Concrete	Masonry	
Concrete/Masonry Block	Stucco	

FEATURES / BENEFITS

Alkali resistant for application to fresh concrete (less than 13 pH or 7 days cured)

High building formula bridges cracks and mask surface imperfections

Mildew resistant on the paint film

Resists wind driven rain for excellent water repellency*

Easy two coat system to turn jobs quickly

*Note: To achieve wind driven rain resistance the product must be applied pinhole free at 2 coats @ 6.5 mils each (13 mils total DFT).

APPLICATION INFORMATION

Stir or shake thoroughly before application.

Application Equipment: Apply by airless spray, roller or brush. Apply by 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: Minimum requirements: Pressure 2000 - 2800 psi, tip 0.019" - 0.027", flow rate 1.5 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.

Brush: Polyester/Nylon Brush

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

Thinning: Not recommended.

Permissible temperatures during application:

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

See Limitations of Use for optimum elastomeric properties.

TINTING AND BASE INFORMATION

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

76210

White & Mixing Base - Smooth

PRODUCT DATA

PRODUCT TYPE:	100% Acrylic Latex
VOLUME SOLIDS:	45% +/- 2%
WEIGHT SOLIDS:	59% +/- 2%
VOC:	98 g/L (0.8 lbs./gal.)
WEIGHT/GALLON:	11.2 lbs. (5.1 kg) +/- 0.2 lbs. (91 g)

COVERAGE: Approximately 100 to 135 sq. ft. (9 to 12.5 sq. meters) per U.S. gallon (3.78 L) at 12 to 16 wet mils per coat.

Wet Film Thickness:	12 to 16 mils
Wet Microns:	302 to 407
Dry Film Thickness:	5.4 to 7.2 mils
Dry Microns:	136 to 183

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:	1 hour
To Handle:	4 hours
To Recoat:	4 hours minimum

Dry time @ 85°F (31°C) and 90% relative humidity

To Touch:	2.5 to 3 hours
To Recoat:	6 to 8 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)

PACKAGING

5-Gallon (18.9 L)

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 using 1 part chlorine bleach to 3 parts water. Dry substrate thoroughly to a moisture content under 12%. Clean chalky paint in good condition by sweep blasting, power washing, wire brushing, etc. to remove loose material. After cleaning, chalky or unpainted recommended substrates may be conditioned with a coat of Olympic Exterior Acrylic Clear Masonry Surface Sealer or Pigmented Masonry Surface Sealer.

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 priming and painting. The pH of the substrate must be less than 13 before priming with one coat of OLYMPIC Interior/Exterior Alkali Resistant Primer 76230A. 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 priming and painting. The pH of the substrate must be less than 13 before priming with one coat of OLYMPIC Interior/Exterior Alkali Resistant Primer 76230A.

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. 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 SIDING: Fiber cement board 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. Pre-primed board from the manufacturer may not be uniformly or completely sealed. It is recommended that one coat of OLYMPIC Interior/Exterior Alkali Resistant Primer 76230A 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 priming and painting. The pH of the substrate must be less than 13 before priming with one coat of OLYMPIC Interior/Exterior Alkali Resistant Primer 76230A. 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 one coat of OLYMPIC Interior/Exterior Alkali Resistant Primer 76230A. 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.

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. This product will form a film at 35°F (2°C). However, to achieve optimum elastomeric/elongation properties, apply at or above 50°F (10°C). At temperatures above 100°F (38°C), application will be affected. Avoid exterior application late in the day when dew and condensation are likely to form or if rain is expected.

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. Examples of these conditions include, but are not limited to areas that are consistently damp with little to no direct sunlight.

Not recommended for use on surfaces demonstrating hydrostatic or high vapor pressure or for immersion service.

Do not use on floors.

PROTECT FROM FREEZING.

SAFETY PRECAUTIONS

Before using the products listed in this publication, carefully read each product label and follow directions for its use. Please read and observe all the warnings and precautionary information on the product labels. Material Safety Data Sheets are available through our Sales Representative, Retailer or by calling (412) 492-5555.

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

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

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