



Architectural Coatings

Speed Cryl Exterior 100% Acrylic House & Trim Paint Flat

GENERAL DESCRIPTION

Speed Cryl is a professional quality 100% acrylic exterior latex that provides an economical option for good adhesion, hiding and coverage on a variety of exterior substrates. It is specifically formulated to meet the professional application needs of high volume new home, multi-family, commercial and large repaint projects. It offers a full body feel and provides a good balance of build capabilities and sag resistance for spray, brush, or roll application.

RECOMMENDED SUBSTRATES

Aluminum Siding	Fiber Cement Board	Wood
Brick	Masonry	
Concrete	Metal	

CONFORMANCE STANDARDS

VOC compliant in all regulated areas

TINTING AND BASE INFORMATION

56-110XI	White & Pastel Base
56-120XI	Midtone Base*
56-140XI	Ultra Deep Base*

*Must be tinted before use.

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

PACKAGING

1-Gallon (3.78 L)
5-Gallon (18.9 L)

PRODUCT DATA

PRODUCT TYPE:	100% Acrylic Latex
SHEEN:	Flat: 0-5 @60°; 0-5 @85°
VOLUME SOLIDS*:	34% +/- 2%
WEIGHT SOLIDS*:	50% +/- 2%
WEIGHT/GALLON*:	11.0 lbs. (5.0 kg) +/- 0.2 lbs. (91 g)
VOC:	<50 g/L (0.4 lbs./gal.)

*Product data calculated on product 56-110XI.

COVERAGE: Approximately 400 sq. ft. (37 sq. meters) per U.S. Gallon (3.78L) on smooth, nonporous surfaces.

Wet Film Thickness:	4 mils
Wet Microns:	102
Dry Film Thickness:	1.4 mils
Dry Microns:	36

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing. Some colors, drastic color changes, or porous substrates may require more than one coat to achieve a uniform finish.

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

To Touch:	30-60 minutes
To Recoat:	4 hours
To Full Cure:	30 days

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement. For example, product applied at 35°F (2°C) would require a minimum of 24 hours before recoat.

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)

FEATURES / BENEFITS**Features**

100% acrylic latex
Application down to 35°F (2°C)
Full-bodied application
Good adhesion
Good hiding power
Resists mildew on the dry paint film
< 50 g/L VOC

Benefits

Offers good weather resistance
Extends the painting season
Provides a good balance of build capabilities and sag resistance
Offers good durability
Provides a uniform finish
Stays clean longer
Meets national VOC regulations

GENERAL SURFACE PREPARATION

Surface must be sound, dry, and free from loose and peeling paint, dirt, mildew, grease, oil, chalk, rust, and other surface contaminants. Repair all moisture problems. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough or patched surfaces. Prime recommended substrates with the appropriate high quality specialty primer (see recommended primers below).

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 to other hazardous substances that may be released during surface preparation.

ALUMINUM SIDING: Siding may present potential adhesion problems. Prime prior to topcoating. A specialty primer may be required if the original painted surface has degraded to the substrate. Topcoat should be spot applied, allowed to cure overnight, 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.

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.

CONCRETE and MASONRY: New concrete and masonry 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.

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

FIBER CEMENT: 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 10 and the moisture content must be less than 12% prior to priming and topcoating. All cracks and open 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 an alkali resistant primer be applied to ensure complete and uniform sealing prior to topcoating.

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

RECOMMENDED PRIMERS

Aluminum Siding	17-921XI
Brick	4-503, 4-603XI, 17-921XI, 17-6001
Concrete	4-503, 4-603XI, 17-921XI, 17-6001
Ferrous Metal	4020, 90-712, 90-912
Masonry	4-503, 4-603XI, 17-921XI, 17-6001
Fiber Cement Board	4-503, 4-603XI, 17-921XI, 17-6001
Wood	17-921XI, 17-6001

LIMITATIONS OF USE

FOR EXTERIOR USE ONLY. Apply when air and surface temperatures are 35°F (2°C) and surface temperature is at least 5°F (3°C) above the dew point. For optimum application properties, bring material to at least 50°F (10°C) prior to application. Air and surface temperature must remain above 35°F (2°C) for the next 24 hours. Avoid painting late in the day when dew and condensation are likely to form or if rain or snow is expected. Do not apply in direct sunlight.

Not recommended for use on steps, floors, or vinyl surfaces. **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. 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.

APPLICATION INFORMATION

Stir thoroughly before using and occasionally when in use. When using more than one can 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 with a high quality brush, roller, paint pad, or by spray equipment. Where necessary, apply a second coat and allow each coat to dry thoroughly before applying the next coat.

Airless Spray: Pressure 1500-2000 psi, tip 0.015" - 0.021"

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.

Brush: Polyester/Nylon Brush

Roller: 3/8" - 3/4" nap roller cover

Thinning: Do not thin.

Permissible temperatures during application:

Material:	35 to 90°F	2 to 32°C
Ambient:	35 to 100°F	2 to 38°C
Substrate:	35 to 100°F	2 to 38°C

PRECAUTIONS

WARNING! HARMFUL IF SWALLOWED. MAY CAUSE ALLERGIC SKIN REACTION. 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. 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. DANGER—RAGS, STEEL WOOL OR WASTE SOAKED WITH SPEED CRYL MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS 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. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. Keep out of the reach of children. For workplace use, an MSDS is available from your retailer or by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.).

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