

Durex® Dur-X-Cel 50

Acrylic Latex Garage Paint

Description	Durex® Dur-X-Cel 50 is a flat sprayable acrylic latex paint.
Uses	Durex® Dur-X-Cel 50 is formulated as a premium quality paint to increase brightness in areas such as underground parking garage walls, columns, and ceilings. This product is offered in our standard white colour, however it can be pigmented to any colour upon request.
Advantages	<ul style="list-style-type: none"> · Breathable coating; allows water vapour within the wall system to evaporate · Excellent adhesion to substrate · Ultra-white for maximum light-reflective qualities · Fast drying

TECHNICAL DATA

PHYSICAL PROPERTIES	
Product Type	Water-based acrylic coating
Appearance	Dense, paint-like consistency
Viscosity	100 - 150 cps – ASTM D2196
pH level	9.0 - 9.5
Toxicity	Non-toxic
Coverage	One coat: 8m ² /L (320ft ² /gal) Two coats: 4 m ² /L (170 ft ² /gal) Coverage will vary according to the porosity of the substrate, colour of original substrate and colour of the Durex® Dur-X-Cel 50 to be applied. A test sample should be applied to establish practical coverage on the actual substrate.

PERFORMANCE PROPERTIES	METHOD	RESULT
Consistency	ASTM D-562	105 KU
Fineness of Grind	ASTM D-1210	3 Hegman, 58 Microns
Alkali Resistance	ASTM D1308	Pass
Gloss	ASTM D-523	11.5 Gloss Units
Resistance to Wind Driven Rain	ASTM D6904	Pass
Water Vapour Permeance	ASTM E96	1210 ng/Pa.s.m ² (21 Perms)
V.O.C.	40 CFR 59.406	< 50 g/lit (<0.42 lbs/gal)
Freeze-Thaw Stability	ASTM C67	Pass 50 cycles
Flexibility	ASTM D522	Pass
% Solids		55% +/- 2%
UV Exposure		No cracking
Accelerated Weathering	ASTM G155	Pass 2000 hrs.

Packaging Durex® Dur-X-Cel 50 is white in colour, available in 18.9 L (5 gal) pails. Custom colours are available upon request at an additional charge.

Storage Store Durex® Dur-X-Cel 50 in a dry, vented, waterproof location, stacked off the ground with ambient temperatures above 5°C (41°F). Keep materials dry, protected from rapid temperature changes, dampness and moisture and away from direct sunlight. **KEEP FROM FREEZING.**

Application Substrate must be dry, solid, clean, and free of weak and powdery surfaces, free from ice, snow, dew and frost, oil, grease-releasing agents, and other deleterious materials detrimental to a positive bond. Consult Durabond Products Limited for questionable surfaces. Thoroughly stir Durex® Dur-X-Cel 50 in its own pail before each use. Discard all frozen materials, materials that have formed solid lumps at the bottom of the container and materials that do not appear to be of a homogeneous viscosity. Apply Durex® Dur-X-Cel 50 evenly by roller, brush or spray. Avoid applying too much paint in a single coat.

Avoid dripping or streaking, resulting from excessive application and brushing, rolling or spraying. Where required, apply two coats of Durex® Dur-X-Cel 50, allowing a minimum of 24 hours for drying between coats.

APPLICATION TOOLS

Brush – synthetic bristles (nylon, polyester)

Lint free roller – 15 - 30 mm (5/8"-1-1/4")

Spray (Airless equipment) – tip size: 0.013 to 0.019 in - Pressure: 2300 – 2700 psi *Spray recommendations may vary from figures listed depending on equipment manufacturer.

Apply the paint with several passes of the brush, roller or spray gun, evenly spreading the paint over the entire surface. Allow a minimum of 24 hours for drying between coats.

DO NOT SUBSTITUTE NOR COMPENSATE DUR-X-CEL 100® WITH WATER OR OTHER ADDITIVES.

Limitations

Durex® Dur-X-Cel 50 is not recommended for use:

- Over previously treated surfaces without proper preparation
- Surfaces where oils and other contaminants are present
- When ambient, surface and material temperatures are below 5°C (41°F) during application and curing period
- Under high humidity conditions

Clean-up

Clean all tools promptly after each use with clean water. Do not allow paint to dry on tools. Durex® Cleaning Solution CS-100 is available to aid cleaning of soiled areas where the Durex® Dur-X-Cel 50 has dried.

Health and Safety

For information and advice on the safe handling, storage and disposal of chemical products, refer to the most recent SDS sheet containing physical, environmental, toxic and other safety/materials handling data. For industrial use only. Keep out of reach of children.

Warranty

Durabond Products Limited warrants this product is free of manufacturing defects. Durabond Product Limited will replace this product at no charge, provided it has been applied within 12 months of purchase, installed for uses suitable for this product, and installed in accordance with the manufacturer's instructions.

Technical Services

Technical support is available upon request at info@durabond.com. For the latest version of this data sheet, please visit our website at www.durabond.com, call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Products Ltd. sales representative.

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