A versatile, ultra-durable water-borne acrylic, Break-Through!, is formulated to bond to some of the most difficult substrates including fibreglass, ceramic tile, laminate, and many plastics. The interior/exterior satin finish offers very fast dry and outstanding early block resistance for increased productivity with less down time. Break-Through! provides hardness similar to or better than standard alkyds but maintains flexibility to endure extreme bends and deformations without cracking and peeling. Break-Through! is ideal for doors, windows, shelving, fixtures, trim, wood and concrete floors.

### RECOMMENDED SUBSTRATES
- Aluminum
- Ceramic Tile
- Concrete
- Concrete/Masonry Block
- Ferrous Metal
- Fibreglass
- Galvanized Steel
- Gypsum Wallboard-Drywall
- Interior Wood
- Laminate
- Plaster
- Vinyl and Architectural Plastics
- Wrought Iron Black

### CONFORMANCE STANDARDS
Complies with the Canadian Volatile Organic Compound Concentration Limits for Architectural Coatings Regulations requirements.
Can earn LEED 2009 credit

### LIMITATIONS OF USE
Apply only when air and surface temperatures are above 10 °C (50 °F) or above and when the air and surface temperatures will remain above 10 °C (50 °F) for the next 24 hours. Avoid exterior application late in the day when dew and condensation are likely to form or when rain is anticipated. Not recommended for exterior horizontal surfaces unless these surfaces can be protected from dew and rain for 7 days. Wait at least 7 days after painting before cleaning the surface with a non-abrasive, mild cleanser.

Not recommended for polypropylene or polyethylene plastics, roofs, garage floors or concrete floors subject to hot tires, continuous water immersion environments, such as bathtubs, sinks, shower basins and pools.
Not recommended for use on cabinets or handrails.
Not recommended for very flexible substrates subject to abuse; such as canvas, nylon rope or rubber.
Do not use on large wood structures or the bodies of homes.

### 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. The bases can be tinted with 96/9600 line or 896 colourants.

### PACKAGING
- 3.78 L

### PRODUCT DATA
- **PRODUCT TYPE:** Water-borne Acrylic
- **SHEEN:** Satin: 20 to 30 (60° Gloss Meter)
- **VOLUME SOLIDS:** 33% ± 2%
- **WEIGHT SOLIDS:** 44% ± 2%
- **VOC:** < 50 g/L
- **DENSITY:** 1.2 kg/L

SPREADING RATE PER COAT: Approximately 27.9 to 32.5 m² (300 to 350 ft²) per 3.78L depending on surface texture and porosity.

Wet Film Thickness: 4.0 mils (102 microns)
Dry Film Thickness: 1.3 mil (33 microns)

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 @ 25 °C (77 °F); 50% relative humidity.
- To Touch: 15 to 20 minutes
- To Handle: 1 hour
- To Recoat: After 2 hours
- For Foot Traffic: 12 hours
- For Forklift Traffic: 24 hours
- To Full Cure: 7 days

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

### 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
Outstanding early block resistance
Excellent adhesion
Very good hardness
Very quick dry
Excellent flow & leveling
Flexible
Resistant to household chemicals

Benefits
Provides tack-free film ideal for doors, windows, and shelving.
Bonds to a wide variety of difficult substrates.
Durability and hardness similar or better than conventional alkyds.
Dry to touch in 15–20 minutes; reducing down time.
Provides enamel smooth finish.
Withstands bends with no cracking or peeling.
Ideal for use in areas requiring frequent cleaning with mild household cleaners, or light duty industrial cleaners.

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.

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 regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

Remove mildew with a solution of household bleach (1 part household bleach to 3 parts of water). Prime all bare and porous substrates with an appropriate primer. Before use, be sure to read and follow the instructions and warnings on the label.

Aluminum: A primer is required for proper adhesion. 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.

Ferrous Metal: The surface must be cleaned thoroughly to remove any dust, rust, oil and surface contaminants, and then primed. No primer is required for interior applications.

Galvanized Steel: A primer is required for proper adhesion. 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.

Interior 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. For non-bleeding or previously painted wood, no primer is required.

Concrete: 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 painting. If pH is greater than 10, prime with an alkali resistant primer.

Concrete/Masonry Block: Mortar should cure for at least 30 days and preferably 90 days prior to priming. 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. Fill block with appropriate block filler.

Gypsum Wallboard/Drywall: Nails or screws should be countersunk, and they along with any indentations should be mudded flush with the surface, sanded smooth and cleaned to remove any dust, then prime prior to painting the substrate.

Plaster: Plaster or other alkaline surfaces should be allowed to cure for at least 30 days prior to priming with an alkali resistant primer.

Fibreglass: No primer needed; sanding or scuffing the surface is recommended. Primer and topcoat should be spot applied as directed, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed.

Laminate: No primer needed; sanding or scuffing the surface is recommended. Topcoat should be spot applied as directed, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed.

Ceramic Tile: No primer needed; sanding or etching with phosphoric acid is necessary. Topcoat should be spot applied as directed, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed.

Vinyl & Architectural Plastics: Vinyl and similar architectural plastics may present potential adhesion problems. A primer may be required to promote proper adhesion. Consult the manufacturer’s guidelines prior to painting. Primer and Topcoat should be spot applied, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed. Do not paint vinyl or plastic with a colour darker than the original to prevent potential warping due to heat absorption.
RECOMMENDED PRIMERS

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Primer</th>
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</thead>
<tbody>
<tr>
<td>Aluminum (exterior)</td>
<td>Dulux Weatherguard 1535</td>
</tr>
<tr>
<td>Ceramic Tile</td>
<td>Self-priming</td>
</tr>
<tr>
<td>Concrete</td>
<td>Self-priming, Perma-Crete 4-809C</td>
</tr>
<tr>
<td>Concrete/Masonry Block</td>
<td>SpeedHide 6-7C, Dulux X-pert 36250</td>
</tr>
<tr>
<td>Fibreglass</td>
<td>Self-priming</td>
</tr>
<tr>
<td>Galvanized Steel (exterior)</td>
<td>Dulux Weatherguard 1535</td>
</tr>
<tr>
<td>Gypsum Wallboard/Drywall</td>
<td>SpeedHide 6-2C, 6-4C, Pure Performance 9-900C, SpeedHide Pro EV 12-900XIC, Glidden Ultra 36600, Dulux X-Pert 11000, Dulux Lifemaster 59113</td>
</tr>
<tr>
<td>Laminated</td>
<td>SpeedHide 6-2C, Pure Performance 9-900C, SealGrip 17-921XIC, Dulux Gripper 60000A</td>
</tr>
<tr>
<td>Plaster</td>
<td>Self-priming</td>
</tr>
<tr>
<td>Wood (interior)</td>
<td>SpeedHide 6-2C, Pure Performance 9-900C, SealGrip 17-921XIC, Dulux Gripper 60000A, SpeedHide Pro EV 12-900XIC.</td>
</tr>
</tbody>
</table>

APPLICATION INFORMATION

Stir thoroughly before use and occasionally when in use. Prime all necessary surfaces with an appropriate PPG primer prior to the application of the product. When using more than one container of the same colour, intermix to ensure colour uniformity. Do not mix with solvent-type paints or with paint solvents. USE WITH ADEQUATE VENTILATION. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1 866 660-2220. KEEP OUT OF REACH OF CHILDREN.

Application Equipment: Apply with a high quality synthetic brush, roller, paint pad, or by spray equipment. Where necessary, apply a second coat.

- **Brush:** High quality polyester/nylon brush.
- **Roller:** 5 mm à 10 mm (3/16—3/8") nap synthetic roller cover.
- **Airless Spray:** Pressure 2000 psi, tip 0.009” - 0.013”. Best results are achieved using a fine finish tip.

  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:** No thinning required for airless or air-assisted airless application. Reduce 5–10% with clean water for conventional spray, HVLP and brush applications.

PRECAUTIONS

Provide fresh air ventilation during and after application and drying. Use personal protective equipment as required. Keep out of the reach of children. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Prior to use, read and follow product-specific SDS and label information. Note: These warnings encompass the product series. **FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). 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 POISON CENTRE or doctor/physician.

For workplace use, an SDS is available from your retailer or by calling 1 866 660-2220.

EMERGENCY SPILL INFORMATION: 1 514 645-1320 or 1 886 660-2220.