



DECRA-FLEX™ 300 Exterior Elastomeric Coating

2260 Smooth, 2270 Fine, 2290 Coarse

Previously ICI Paints DECRA-FLEX™ 300 Elastomeric Coating System

DESCRIPTION

GLIDDEN PROFESSIONAL™ DECRA-FLEX™ 300 paint is a premium quality, high build, elastomeric waterborne coating, available in Smooth, Fine and Coarse textures. The unique technology enables GLIDDEN PROFESSIONAL DECRA-FLEX 300 Smooth Exterior Flat Elastomeric Coating to form a hard dirt-resistant shell on the outside, while remaining elastic at its core. Provides a long lasting weather-resistant finish on exterior, above grade vertical masonry, stucco and poured concrete. It provides a waterproof film, even against 98 mph wind-driven rain, yet breathes to allow entrapped moisture vapor to escape, preventing blistering. Superior elongation properties allow the film to expand and contract over existing hairline cracks without the reoccurrence of cracking through the film. Use as an intermediate and finish coat for new construction and maintenance on architectural, commercial and industrial structures.

CERTIFICATIONS

AS OF 7/1/2009, COMPLIES WITH	
MPI#	113*, 132*
LEED	N/A
CHPS	No
GREENGUARD	No
AIM	Yes
OTC/LADCO	Yes
CARB	Yes
SCAQMD	Yes

* Results for 2260 Smooth

COMPOSITION

- 100% Acrylic Resin
- Titanium Dioxide and Extender Pigments
- Not manufactured with lead or mercury containing materials.

PERFORMANCE DATA

Property (1)

Resistance to Wind Driven Rain
Elongation
Low Temperature Flexibility
Water Vapor Permeance
Salt Spray Resistance
Mildew Resistance (2)
Freeze/Thaw Resistance

Test Method

TT-C-555B, Para. 4.4.7
ASTM D 2370
ASTM D 522, @ 10°F
ASTM D 1653
ASTM B 117, 500 hours
ASTM D 3273/3274
ASTM D 2243

Results

No moisture penetrates to substrate
>300%
Passes 1/8" mandrel bend
30 perms
No change
No growth
Passes 5 freeze/thaw cycles

Notes:

1. Results for 2260 Smooth
2. Mildew resistance indicates that the product contains agents which inhibit the growth of mildew on the surface of the paint film.

SPECIFICATION

Color:

White (tintable, limit 2 oz/gal) & Deep Base

Clean-up Solvent:

Soap and water

Finish:

Flat

Density:

Smooth	11.12 lbs/gal	(1.33 kg/L)
Fine	11.42 lbs/gal	(1.37 kg/L)
Coarse	11.32 lbs/gal	1.36 kg/L)

Solids: Volume Weight

Smooth	43% ± 1%	59% ± 1%
Fine	44% ± 1%	61% ± 1%
Coarse	48% ± 1%	63% ± 1%

VOC:

Smooth	100 g/L (0.84 lbs/gal) maximum
Fine	100 g/L (0.84 lbs/gal) maximum
Coarse	100 g/L (0.84 lbs/gal) maximum

Theoretical Coverage @ 1 mil dry:

Smooth	697 sq ft/gal (17 m ² /L)
Fine	711 sq ft/gal (17 m ² /L)
Coarse	775 sq ft/gal (19 m ² /L)

Practical Coverage:

On smooth surfaces and repaint work, apply at 100-115 sq ft/gal (2.5-2.8 m²/L) per coat depending on surface texture and porosity. On filled block apply at 80 sq ft/gal (2.0 m²/L). On split face and fluted block, apply at 60 sq ft/gal (1.3 m²/L) per coat.

Recommended Film Thickness:

Smooth	14.0-27.0 mils wet	6.0-12.0 mils dry
Fine	14.0-27.0 mils wet	7.0-13.5 mils dry
Coarse	14.0-27.0 mils wet	7.0-13.5 mils dry

Spray Application:

See Directions for Use Section for Specific Spray Application Recommendations.

Dry Time 77°F (25°C) & 50% RH:

To touch – 4 Hours
To recoat – 24 hours

Flame Spread Rating:

Class A (0-25) on non-combustible surfaces

Flash Point:

None

Shelf Life:

1 year minimum - unopened



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9 FINISHES
PAINTING (09900)



SURFACE PREPARATION

GENERAL SURFACE PREPARATION:

All surfaces must be sound, dry, clean and free of oil, grease, dirt, rust, mildew, form release agents, curing compounds, loose and flaking paint and other foreign substances. Cure masonry at least 30 days before painting. Substrate pH must be 10.0 or lower.

NEW SURFACES:

Concrete, Stucco and Masonry:

- Clean by high pressure water wash (minimum 2000 psi) to remove chalk and foreign substances
- Roughen slick poured or precast concrete and remove sealers by chemical cleaning or abrasive method such as sandsweeping. Rinse thoroughly with water and allow to dry
- Remove loose aggregate
- Prime tilt-up concrete with 6001 Hydrosealer Exterior Primer
- Other masonry surfaces may be primed with 6001 Hydrosealer Exterior Primer or 3030 Concrete Coatings Bond-Prep Pigmented Bonding Primer
- Fill concrete block with 3010 Concrete Coatings Block Filler

Split Face Block:

- Fill with 3010 Concrete Coatings Block Filler
- Product may be used self-priming on split face block, used as a primer under itself

Fluted Block:

- Prime with 6001 Hydrosealer Exterior Primer or 3030 Concrete Coatings Bond-Prep Pigmented Bonding Primer

Fiber Cement Board:

- Prime entire surface and all edges with 6001 Hydrosealer Exterior Primer
- Caulk with an elastomeric caulk

Wood:

- Spot prime pine knots with 6001 Hydrosealer Exterior Primer
- Countersink nails, prime entire surface with 6001 Hydrosealer Exterior Primer
- Slight discoloration on staining woods such as redwood or cedar is normal
- If discoloration is considerable, apply a second coat of 6001 Hydrosealer Exterior Primer or for improved protection prime with 2110 Stain Stopper Exterior Primer Sealer
- Caulk with an elastomeric caulk

Steel, Galvanized Metal and Aluminum:

- Performance over hand or power tool cleaned surfaces is dependent on the degree of cleaning
- Clean off oils and other contaminants
- Prime with Devflex 4020PF Direct-to-Metal Primer, DEVGUARD® 4360 Low VOC Universal Primer or DEVGUARD 4160 Multi-Purpose Tank & Structural Primer

PREVIOUSLY PAINTED SURFACES:

- Wash to remove contaminants
- Rinse thoroughly with water and allow to dry
- Dull glossy areas by light sanding
- Remove sanding dust
- Remove loose paint
- Scrub heavy chalk areas and overhead areas such as eaves with soap and water

SURFACE PREPARATION

CONTINUED

PREVIOUSLY PAINTED SURFACES:

- Remove all mildew by washing with a solution of 16 oz (473 mL) liquid household bleach and two oz (59 mL) non-ammoniated liquid detergent per gallon (3.785 L) of water
- Rinse surfaces clean with water and allow to dry for 24 hours. Prime bare areas with primer specified under NEW SURFACES

NOTE: Blistering and peeling of exterior house paints down to bare wood is usually caused by moisture behind the paint film. Moisture pressure forces the paint away from the surface. Sources of excess moisture in the wood must be eliminated prior to repainting to obtain normal service life of these paints. Old, unsound multiple coat paint systems may be subject to peeling when repainted due to the added weight and stress created by the paint layers. In such cases, all old paint layers must be removed back to the bare wood before repainting.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear an NIOSH-approved respirator 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 National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

PRECAUTIONS

WARNING! CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. HARMFUL IF SWALLOWED. CONTAINS ETHYLENE GLYCOL WHICH CAN CAUSE SEVERE KIDNEY DAMAGE WHEN INGESTED AND HAS BEEN SHOWN TO CAUSE BIRTH DEFECTS IN LABORATORY ANIMALS. CONTAINS CRYSTALLINE SILICA WHICH CAN CAUSE LUNG CANCER AND OTHER LUNG DAMAGE IF INHALED. POTENTIAL CANCER HAZARD. CONTAINS FORMALDEHYDE WHICH HAS BEEN SHOWN TO CAUSE UPPER RESPIRATORY TRACT CANCER AND ALLERGIC RESPIRATORY REACTION. MAY CAUSE ALLERGIC SKIN REACTION. USE ONLY WITH ADEQUATE VENTILATION! KEEP OUT OF THE REACH OF CHILDREN. For emergency information call (800) 545-2643. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.** If sanding, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. Avoid contact with eyes and skin. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** For skin contact, wash thoroughly with soap and water. If any product remains, gently rub with petroleum jelly, vegetable or mineral/baby oil then wash again with soap and water. Repeat as needed. Remove contaminated clothing. For eye contact, flush immediately with plenty of water for at least 15 minutes. **Get medical attention.** If swallowed, **get medical attention immediately.** If inhalation causes discomfort, remove to fresh air. If discomfort persists or breathing difficulty occurs, get medical attention. **KEEP FROM FREEZING.** DS57-0808

SHIPPING

FREIGHT CLASSIFICATION:

Paint, Freezable

PACKAGING:

5 gallons (18.925 L)

FLASH POINT:

None

DIRECTIONS FOR USE

TINTING:

May be tinted with up to four oz/gal of DRAMATONE™ colorants. Deep Base may be tinted with up to eight oz/gal of ICI Paints Colorants.

SPREADING RATE:

On smooth surfaces and repaint work, apply at 100-115 sq. ft/gal (2.5-2.8 m²/L) per coat to achieve 14.0-16.0 wet mils (6.0-7.0 dry mils) depending on surface texture and porosity. On filled block apply at 80 sq. ft/gal (2.0 m²/L) per coat to achieve 20.0 wet mils (9.0 dry mils). On split face and fluted block, apply at 60 sq. ft/gal (1.3 m²/L) per coat to achieve 27.0 wet mils (12.0 dry mils). To maintain a waterproof film and crack bridging properties, avoid overspreading and thoroughly coat entire surface.

APPLICATION:

Mix thoroughly to a uniform consistency before use. Do not thin. Product is ready for use. Recommended method is spray/backroll to achieve required crack bridging and waterproofing dry film build. If applied by roller only, frequent loading of the roller will be required to ensure the recommended film thickness is applied in one coat. Do not over-roll. This will achieve a heavy nap or stippled appearance. Stippled wet film usually indicates adequate dry film build for optimal waterproofing (see **SPREADING RATE** section for film build requirements). All application methods must be applied in such a manner to achieve a watertight, pinhole free film. If the required film build is not achieved in one coat, additional coats must then be applied until the required crack bridging and waterproofing dry film build is achieved.

Use a 1"-1 1/2" synthetic nap roller for roll applications. For best uniformity, cross apply to one large section at a time and then "lay off" from top to bottom. Smooth may be airless sprayed; use piston or air driven pump capable of delivering flow rate of 1 gpm or higher at 2000-2500 psi. A minimum 1/4" I.D. nylon-lined hose and a tip size of .023 or larger is recommended. Use a minimum of 30 mesh filter screens or remove filters from gun and pump. Note: Airless spray is not recommended for Fine or Coarse textured coating. For air spray, use a 10:1 air driven mastic or texture pump. For Smooth and Fine, use a 1/2" I.D. fluid hose, mastic gun, and a 1/8" round or slotted tip and air cap. For Coarse, use a 3/4" I.D. fluid hose, mastic gun, and a 1/4" round or slotted tip and air cap. Small areas may be brushed. Do not apply when air or surface temperature is below 50°F (10°C) or if rain, snow or heavy dew is expected within 48 hours of application.

NOTE: Accent stripes may be applied over newly applied elastomeric coatings using only FORTIS® 450 or FORTIS® 350 exterior acrylic satin or semi-gloss finish.

DRY TIME:

At 77°F (25°C) & 50% R.H., dries to touch in four hours and to recoat in 24 hours. Low temperature or high humidity will increase these times.

CLEAN-UP:

Clean hands and tools immediately with warm, soapy water. Clean spills right away with a damp cloth.



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