



DYC64X

EASY SPREAD FLAT INTERIOR/EXTERIOR 100% ACRYLIC COATING 640, 641, 642, and 645 Data Sheet

CHARACTERISTICS

Dyco 640 is a 100% Acrylic Flat exterior finish paint formulated to provide quality protection with outstanding sheen uniformity and touch up qualities. It provides excellent resistance to mildew and the effects of Florida's harsh sub-tropical climate.

RECOMMENDED USES

- Stucco/Masonry
- Hard Board
- Concrete Block (CMU)
- Wood
- Aluminum
- Galvanized Steel
- Ferrous Steel

FEATURES/BENEFITS

- Outstanding Satin Finish & Sheen Uniformity
- Excellent Adhesion, Coverage, Hide and Touch Up
- Resistant to Peeling, Cracking and Blistering
- Resists New Mildew Formation on the Surface
- Excellent Color Retention and Chalk Resistance
- Breathable Surface for Maximum Durability
- Easy to Clean and Maintain for Years of Service

RECOMMENDED PRIMERS

Chalky Surfaces1315, 1340, 1370,
1375, 6005

Bare Stucco pH 13 or lower ..1340

Drywall/Green Board1055, 1340, 6005

Wood – New or Bare1410, 6005

Fiber Cement Siding1370, 1375, 6005

Non-Ferrous MetalsMP-50, 1370, 1375, 6005

Ferrous Metals.....MP-50, MP-75, MP-90

Fiberglass/ PVC6005, 1370, 1375

FOR ADDITIONAL INFORMATION

See SDS or call toll-free 1-800-282-7901.

TECHNICAL DATA

Vehicle Type 100% Acrylic

Finish/Sheen Satin

Solids by Weight..... 45%

Solids by Volume..... 33%

Viscosity..... 100 ± 2 KU

VOC (less exempt solvents) 70 g/L.

Weight per Gallon 9.85lbs.

COVERAGE

200-300 S.F./Gal. @ 5.5 mils Wet; 1.8 mils DFT
(Actual coverage may vary depending on type of substrate and application method.)

AVAILABLE BASES

- 660 White/Pastel
- 661 Tint Base
- 662 Deep Base
- 665 Neutral Base

KEY ATTRIBUTES

Application Temperatures: 50 - 110 °F (10 - 43.33 °C)

Application Tools: Brush, Roller, or Spray

Dry Times: Touch - 30 Minutes; Recoat – 1 Hour
(Dry Time Based on 77 °F (25 °C), 50% Relative Humidity)

Thinner: If Necessary; ½ Pint Water per Gallon Max.

Clean Up: Warm Soapy Water

NOTE: Allow 30 Days Curing Before Washing

PHYSICAL PROPERTIES

Perm Rating < 3 Perms

Mildew Resistance ASTM D3273/D3274

Flash Point..... 247 °F (118.33 °C)

CERTIFICATIONS:

GS-11: VOC Compliant in all Regulated Areas



Sun Paints & Coatings / Dyco Paints • 5850 Ulmerton Road • Clearwater, FL 33760
Phone: 1.800.282.7901 • Facsimile: 727.536.0561 • www.SunPaintsAndCoatings.com

E-18
R-1



DYC64X

EASY SPREAD FLAT INTERIOR/EXTERIOR 100% ACRYLIC COATING 640, 641, 642, and 645 Precautions & Application Guide

PRECAUTION: Do not freeze. Wear protective clothing, gloves and eyewear during application and cleanup of this product. Do not transport on passenger seats or inside passenger compartment of any vehicle. Store product in cargo area of vehicle, and secure with protective cloths to prevent accidental spill damage. Do not store at temperature above 100 °F (37.77 °C). Do not use in drinking water or food systems.

SURFACE PREPARATION (EXTERIOR): Previously Painted Surfaces must be cleaned and made to be free of dirt, mildew, algae, rust stains, sulfide stains, oil, grease, tar, and chalk (oxidation). Glossy surfaces should be de-glossed by manual, mechanical or chemical methods and wiped clean. Pre-soak all areas affected by mildew and algae with a 10% chlorine solution or other industry standard mildew cleanser and power wash at a minimum 2500 psi. Un-exposed areas such as eaves, ceilings, and overhangs should be pre-soaked with a detergent solution and rinsed or power washed to rinse thoroughly. Allow 12 - 24 hours dry time before painting. Do not paint if the surface is damp. Check moisture as needed with a moisture meter to insure that the surface is dry enough to accept primers and/or paint. Rust stains can be removed by the use of hydrofluoric or oxalic acid solutions. Follow dilution instructions on manufacturer labels. Caution: Use rubber gloves, work goggles and protective clothing during all cleaning procedures.

MASONRY, CONCRETE, CEMENT, AND CMU BLOCK: All new surfaces must be cured according to the supplier's recommendations, usually about 30 days. Remove all form release and curing agents. Masonry surfaces must be dry before priming. Moisture content must be 15% or lower and the pH between 7 and 9. Rough surfaces should be filled by pointing or applying Dyco #990 Block Filler to provide a smooth surface. If painting cannot wait for a 30 day cure time, a manufacturer approved alkali blocking "Hot" masonry primer may be applied at a pH level between 7 and 12.

NEW FERROUS AND NON-FERROUS METALS: Rust, oxidation and other surface contaminants must be removed from ferrous metals, aluminum, copper, brass and galvanized steel. Solvent wipe all metal surfaces thoroughly to remove surface preparation residue with a solvent that is compatible with the adhesion of the primer to be used on the metal being painted. Apply appropriate primer before painting.

NEW WOOD: All new wood should be sanded and wiped clean. Countersink all nails and putty holes flush with surface. Wood fillers, knots or resinous areas should be spot primed, then full primed with an appropriate stain blocking wood primer.

MIXING: Read and follow label instructions before use.

TOOLS: Apply with a brush, roller or airless sprayer. Brush: Use appropriate premium latex paint brushes for best results. Roller: Use a 1/4"- 3/8" nap cover for smooth surfaces, a 1/2" nap cover for semi-rough surfaces and a 3/4"-1" nap cover for rough surfaces. Airless sprayer: It is recommended to use a "minimum" 1 gallon per minute pump; with .015 -.019 tips, @ 1800-2400 psi; and a 1/4" high pressure material hose. Adjust pressure as needed for desired results.

Coverage: Actual coverage may vary depending on substrate and application method. For best "hide", use appropriate grey basecoat or tint primers towards finish coat color. Certain deep or accent colors may require multiple coats to obtain even coverage and hide.

THINNING: The product is ready to use as is, but if thinning is deemed necessary, thin with clean water up to 1/2 pint per gallon.

LIMITATIONS: Do not apply in direct sunlight or when air or surface temperature is below 50 °F (10 °C) or above 114 °F (45.55 °C). Do not apply if temperature is less than 5 °F (2.7 °C) above dew point. Do not apply if surface is damp or if precipitation is expected within 4 hours.

CAUTION!

CONTAINS ZINC OXIDE. HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. USE WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

To avoid breathing vapor, spray mist, or sanding dust, open windows and doors or use other means to ensure fresh air during sanding, application, and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave area.

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 a 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.

CALIF. PROP. 65 • CHEMICAL WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Use proper protection and adequate ventilation, when using product.

FIRST AID: If you experience difficulty in breathing, leave area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

Safety Data Sheet available upon request.



Sun Paints & Coatings / Dyco Paints • 5850 Ulmerton Road • Clearwater, FL 33760
Phone: 1.800.282.7901 • Facsimile: 727.536.0561 • www.SunPaintsAndCoatings.com

E-18
R-1