



DYC6222

DYTON MAX-A-FLEX EXTERIOR 100% ACRYLIC ELASTOMERIC COATING

6222 Data Sheet

CHARACTERISTICS

DYTON Max-A-Flex is a high performance architectural coating formulated for above grade masonry substrates requiring long lasting durability with superior elongation properties. Max-A -Flex protects against wind driven rain penetration. Provides the ultimate waterproof shield for both new and restorative substrates. Helps to mask surface imperfections.

RECOMMENDED USES

- Stucco/Masonry Walls
- Concrete Block (CMU)
- Fiber Cement Siding
- Brick & Split Faced Block
- Floating Wall Construction
- Properly Primed Wood

FEATURES/BENEFITS

- Excellent long term elasticity
- Vapor permeable for maximum durability
- Excellent adhesion
- Resists Mildew formation on the film surface
- UV Resistant - Excellent Color Retention
- Resistant to Peeling, Cracking and Blistering

RECOMMENDED PRIMERS

Masonry Surfaces 1370, 1375, 1340, 6005
 Bare Stucco pH 13 or lower .. 1340
 Chalky Surfaces 1370, 1375, 1340, 6005
 Fiber Cement Siding 1370, 1375, 6005
 Concrete Block (CMU)..... 990
 Wood – New or Bare 1410, 6005

FOR ADDITIONAL INFORMATION

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

TECHNICAL DATA

Vehicle Type 100% Acrylic
 Finish/Sheen Flat
 Solids by Weight..... 62.8%
 Solids by Volume..... 51.5%
 Viscosity..... 115 - 120 KU
 VOC (less exempt solvents) 40 g/L.
 Weight per Gallon 11.50 lbs.

COVERAGE

75 S.F./Gal. @ 20 mils wet, 10.5 mils DFT
(Actual coverage may vary depending on type of substrate, and application method.)

KEY ATTRIBUTES

Application Temperatures: 50 - 110°F (10 - 43.33°C)
 Application Tools: Brush, Roller or Spray
 Dry Times: Touch - 2 Hours; Recoat – 4 Hours
 (Dry Time Based on 77°F (25°C), 50% RH)
 Thinner: Do Not Thin
 Clean Up: Warm Soapy Water

PHYSICAL PROPERTIES

Perm Rating 5.7 perms @ 10 mils DFT
 Elongation 433%
 Alkali Resistance..... pH 5-13; ASTM D1308
 Mildew Resistance ADTM D3273/3274 Excellent
 Tensile Strength 145 psi
 Elongation 250%

CERTIFICATIONS:

Spec TT-C-555B/ASTM D 6904: Passed





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DYTON MAX-A-FLEX EXTERIOR 100% ACRYLIC ELASTOMERIC COATING 6222 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: 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. 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. All surfaces being repainted must be primed with Dyco Dya-Bond 1370/1375 latex chalk bonding sealer or other DYCO specified primer to meet warranty requirements. 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. New Masonry surfaces must be dry before priming. Moisture content is recommended to be 15% or lower and the pH between 7 and 9 although new stucco can be primed with Dyco Dya-Bond 1370/1375 latex chalk bonding sealer if the pH measures below 13. Rough surfaces should be filled by pointing or applying Dyco #990 Block Filler to provide a smooth surface.

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: a roller nap between 1"-1-1/2" depending on the wall surface texture. Airless sprayer: It is recommended to use a "minimum" 4 gallon per minute pump; with .021 tip or larger, @ minimum 2300 psi; and a 3/8" high pressure material hose. Adjust pressure as needed for desired results.

COVERAGE: For proper waterproofing performance apply Max-A-Flex 100% Acrylic Elastomeric Coating at a wet millage rate of 20.0 mils per coat. If pinholes occur, apply a second coat as needed to fill voids, thus preventing water from penetrating through and become trapped behind the coating. Back rolling

Max-A-Flex after a spray application will limit pinholes. Always end roller application on a down stroke. Check millage during application with a wet-mil gauge to insure the proper wet mils are applied per coat specified.

THINNING: The product is ready to use as is, but if thinning is deemed necessary, thin with clean water up to ½ pint per gallon.

LIMITATIONS: Do not apply in direct sunlight or when air or surface temperature is below 50 degrees F. or above 95 degrees F. Do not apply if temperature is less than 5 degrees above dew point. Keep foot traffic off for at least two (2) hours. Keep vehicle traffic off for 72 hours. Do not apply if surface is damp or if precipitation is expected within 4 hours. A minimum of 20 wet mils must be applied.

CAUTION!

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.

Material Safety Data Sheet available upon request.



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G-14
R-1