

Shade



Int/Ext Concentrated Water-Based Latex Greenhouse Shade Paint

Flat Finish • 9101

Product Description

Shade Water-Based Latex Greenhouse Shade Paint is a liquid concentrate for coating greenhouse glass, fiberglass or polyethylene. It effectively controls the rays of the summer sun and prevents burning or scalding of plants. The shading density varies with crop grown and each grower should adjust the thinning to meet his or her conditions. The heavier the coating (dry film thickness), the longer lasting the shade. **DO NOT USE UNDILUTED, see mixing ratios for dilutions.**

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| Recommended Substrates <ul style="list-style-type: none">Greenhouse glassProperly prepared fiberglassPolyethylene sheetingVisqueenWood and plywood | Available bases 9101: WB | Product Data |
| Product Features <ul style="list-style-type: none">Reduces greenhouse sunlight exposureConcentrated for shade flexibilityEasy to applySoap and water cleanupLow VOC | Application: Brush, roller, airless or conventional spray | Product Type: Vinyl Acrylic |
| Product Limitations <p>This product is for use on properly prepared above grade vertical substrates. Do not apply to horizontal surfaces or areas that come in constant contact with moisture or standing water.</p> | Dry time @ 50% RH*: 1 HR to touch 4 HRS recoat | Gloss @60°: 1-5 |
| | *dry times listed may vary according to the relative humidity, temperature, film build, color and air movement of the application environment | Wt Solids ±2%: 40% Vol Solids ±2%: 24% <i>Undiluted</i> |
| | Flash Point: NonFlammable >200°F Clean Up: Soap and water | Wet Film Mils: Varies Dry Film Mils: Varies Coverage / Gal *: Varies |
| | Compliance <p>This product is VOC compliant based on limits provided by EPA, CARB, MPI GPS-1, LEEDv4, and OTC. For 2110/30 add MPI GPS-2 and SCAQMD.</p> | * coverage and wet and dry millage will vary by substrate type and porosity. VOC gms p/L**: <50 ** less exempt solvents and before the addition of colorant Viscosity KU ±5: 115 |

Surface Preparation

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 the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

General Surface Preparation: The performance of this product is dependent on the integrity and soundness of the substrate. All surfaces should be clean and free of any dirt, rust, grease, mill oils, mill scale, efflorescence, organic growth, mildew or other contaminants that might adversely affect the adhesion and performance of this product. Any failed or deteriorated caulk or patching compound should be removed and replaced. Unpainted surfaces should be primed in accordance with manufacturer's recommendations. Glossy substrates should be deglossed prior to painting.

Mixing Ratios: CONCENTRATED! DO NOT USE UNDILUTED! This product is concentrated for the flexibility to select the amount of shade desired. Mix with clean water at a **MINIMUM** ratio of 3 parts water to 1 part paint; up to a **MAXIMUM** of 12 parts water to 1 part paint.

Mixing: After determining mixing proportions, select a suitable container. Add all of the product to the water while mixing thoroughly. Stir product thoroughly in a spiral up and down motion before use and during application.

Thinning: This product is designed to be thinned with clean water, adding the paint to the water while mixing thoroughly.

Application: Shade latex concentrate is best applied via airless sprayer with a minimum pressure of 2000 PSI and a .011"-.013" tip; applying the amount necessary to achieve the desired conditions. To obtain proper curing apply during warm, dry weather when rains are unlikely to occur within 24 hours of application. Brushes and equipment should be washed out with soap and water after each use.

Coverage & Dry Time: Coverage will vary depending on dilution ratio, the method of application and the porosity of the surface to be painted. Dries to touch in approximately 1-2 hours and may be recoated in 4-6 hours when humidity is low. Do not use when air, surface or product temperatures are below 50°F or above 100°F. Cleaning should not occur until 30 days after the initial application.

Clean Up: Minor spills and splatters should be immediately cleaned with soap and water, as well as any painting tools and airless spray equipment. More serious spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

KEEP OUT OF REACH OF CHILDREN AND PETS. DO NOT TAKE INTERNALLY. INTENDED FOR PROFESSIONAL GREENHOUSE USE ONLY. NOT FOR SALE TO THE PUBLIC.

Safety - CAUTIONS: KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY! USE ONLY WITH ADEQUATE VENTILATION! Avoid prolonged contact with skin, and breathing of dust, vapors or spray mists. Avoid contact with eyes and wear eye protection. If adequate ventilation is not possible, wear a NIOSH approved respirator to avoid inhalation of the fumes and wear clothing designed to prevent skin contact. Wash skin thoroughly after handling. Close container after each use and store in a secure, shaded and dry location. **First Aid:** Wash skin thoroughly with plenty of warm soap and water. In case of eye contact immediately flush with plenty of water for 15 minutes and get medical attention immediately. If you experience difficulty breathing leave area to obtain fresh air. If continued difficulty is experienced get medical attention immediately. If swallowed do not induce vomiting and get medical attention immediately.

Storage and Disposal

Product should be kept from freezing temperatures or temperatures above 95°F. Refer to your local city or county government for instructions on disposal options.

Florida Paints believes the technical data represented in this technical bulletin to be current and up to date. However, Florida Paints makes no warranties or guarantees either expressed or implied. Florida Paints claims no responsibility from damages incurred from use by either the purchaser or user of the product.

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Please excuse the small print used on this document but most paint company datasheets are two pages long. By squeezing all this information on one page we are doing our part to save a few trees.

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