



NORTHERN NATURALS

100% ACRYLIC

EXTERIOR SOLID COLOR STAIN

5290 SERIES

General Description

A premium quality 100% acrylic self priming solid color stain for use on most exterior vertical wood surfaces. Provides a durable long lasting, mildew resistant, flat finish while allowing the texture of the wood to show through.

Physical Product Data

Product Type	100% Acrylic Latex	V.O.C.'s	<150 g/L
Volume Solids	31% ± 2%	Gloss at 60°	3 - 5
Solids by Weight	49% ± 2%	MPI / Other Certifications	
Weight per Gallon	11.2 lbs.	Flash Point	N/A
Viscosity	80 - 85 KU	Packaging Options	1 Gallon; 5 Gallon
Coverage per Gallon (varies due to texture and porosity)	250 – 400 sq. ft.	Available Colors	White, tintable to over 1,000 custom colors
Recommended Wet Mil Thickness (Per Coat)	3.5	Recommended Dry Mil Thickness (Per Coat)	1.4

◇ Reported values are for white base

Where to Use

New or previously painted or primed exterior substrates, including most wood siding materials.

General Surface Preparation

Proper surface preparation is the key to any long lasting paint job. The surface to be painted must be clean and dry. Remove all dirt, dust, grease, oil, chalky residue, mildew, rust or any other surface contaminants. All mill glaze must be removed to allow proper adhesion. Use an appropriate cleaner, and then rinse thoroughly with clean water and let thoroughly dry. Special attention should be given to thoroughly wash and rinse areas under eaves and overhangs where dirt and other contaminants can collect, causing lack of adhesion. Allow several good drying days on wood or other porous surfaces before painting. Dull all glossy surfaces to create a slight profile by sanding. Remove any loose or peeling paint by sanding, scraping, wire brushing, or other practical means. Feather sand all edges to provide a smooth transition. Patch all holes with appropriate spackle and sand smooth. Gaps between siding and windows, doors, trim, etc. can be filled with a high quality paintable caulk after priming. Most coatings failures can be attributed to inadequate surface preparation or not following application instructions.

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 properly fitted 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.

Application Guide

Stir contents thoroughly before and during application. Intermix containers of the same color to insure color uniformity. Apply 1 or 2 full coats as needed, keep a wet edge to avoid lap marks. Let dry thoroughly between coats.

- **Application Tools:** High quality nylon or polyester brush bristle brush. High quality synthetic roller cover.
- **Airless Sprayer:** Minimum Pressure 2000 psi, .015 - .019 tip size. It is always advisable to back-roll the area to ensure proper adhesion and an even coat application.

Thinning is not normally required but may be necessary under certain conditions such as low humidity, or warm conditions. If needed add no more than 4 ounces of clean water per gallon.

Do not apply when air and substrate temperatures are below 35°F** or above 90°F

- **Dry times:** @77°F, 50% RH – to touch 30-60 minutes - to recoat 4 hours. Dry times can vary depending on temperatures, humidity, color, and film build. At temperatures below 50°F recoat times are generally 24-48 hours.
**Air and surface temperatures must remain above 35°F for a minimum of 36 hours after application. Do not apply when dew points are within 5 degrees of the temperature. Do not apply when rain is imminent within 24 hours of application.
- **Cleanup:** Clean up spills or splatters immediately with soap and warm water. Clean painting tools with soap and warm water.

Not recommended for application to floors, decks, roofs, or other horizontal surfaces, or to surfaces subject to immersion or prolonged contact with water. **KEEP FROM FREEZING!**

Recommended Primers*

Wood	Hirshfield's	Self priming or 4250 – Hirshfield's Exterior 100% Acrylic Primer Self priming or suitable exterior oil-based primer
Engineered Woods / Hardboard Siding	Hirshfield's	Self priming or 4250 - Hirshfield's Exterior 100% Acrylic Primer
Metal (incidental)	Hirshfield's	Consult with your Hirshfield's representative for recommendations.

* Other primers may be appropriate. Check with your Hirshfield's representative for other recommendations. Certain colors or drastic color changes may require a gray shaded primer. Stains from water, smoke, wax bleed, grease, etc. should be sealed with an appropriate stain killing primer/sealer. This product is self priming over most substrates. **When used as a self primer over new or badly weathered wood, two coats must be applied with the first coat acting as the primer and the second coat being the finish coat.** Certain species of wood such as redwood and cedar can contain high levels of tannins that can bleed into the paint film. When used over these bare woods the first coat may exhibit some tannin staining, this is normal. The tannins will be locked in the first coat and in most cases will not bleed into the second coat. In severe cases either a third coat may be necessary, or prime with an appropriate exterior oil-based primer.

Environmental, Health & Safety Information

May cause irritation to the skin or eyes. **Use only with adequate ventilation.** Avoid prolonged breathing of vapor, spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid exposure to dust and spray mist by wearing a properly fitted and approved NIOSH respirator. Follow respirator manufacturer's directions for use. Avoid contact with the skin and eyes. Wash skin thoroughly with soap and water after handling.

When spraying be sure to follow all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with sprayer manufacturer's recommendations. Use of a NIOSH approved respirator when spraying is recommended.

Do not pour leftover material down a drain. Always recycle leftover material when possible. Consult your local sanitation department or recycling center for disposal options. Hirshfield's is a member of MN Paint Care Inc. For more information visit www.paintcare.org

First Aid Information

In case of eye contact, flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately if irritation persists. For skin contact, wash thoroughly with soap and water. Use with adequate ventilation. If you experience difficulty breathing, headache, or dizziness, leave the area and obtain fresh air. If symptoms persist, seek medical attention.

If swallowed call the POISON CONTROL CENTER, EMERGENCY ROOM, OR PHYSICIAN IMMEDIATELY.

CLOSE CONTAINER AFTER EACH USE!

KEEP OUT OF REACH OF CHILDREN!

DO NOT TAKE INTERNALLY!

For additional health and safety information refer to the Safety Data Sheet (SDS) available at www.hirshfields.com

NOTICE: The information and recommendations set forth in this document are true and correct to the best of our knowledge at the time of publication. We do not express, warrant or guarantee the accuracy, completeness, or reliability of same. Improvements in coatings technology may cause future technical data to vary from what was available when this bulletin was printed.

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