

WoodScapes® Rain Refresh®

Exterior House Stain with Self-Cleaning Technology

A19-550 Series


**SHERWIN
WILLIAMS.**

CHARACTERISTICS

WoodScapes® Rain Refresh® Exterior House Stain with Self-Cleaning Technology is an acrylic solid color stain specifically engineered for exterior, vertical wood surfaces requiring high performance protection with a clean and attractive look. The **WoodScapes® Rain Refresh® Self-Cleaning Technology** works by washing away dirt upon contact with rain or water. This product can be applied at air, surface, and material temperatures as low as 35°F.

This 100% acrylic, high solids, exterior wood stain provides excellent water repellency and is resistant to UV fading.

This product contains agents which inhibit the growth of mildew on the surface of this paint film.

Use on:

- New or reconditioned wood siding and shingles
- Cement siding
- Manufactured hardboards
- Previously painted surfaces in sound condition
- Masonry, Stucco
- Plywood panel siding

Color: Most Colors

Coverage:

Smooth Surfaces 300-400 sq. ft. per gallon
 Rough Sawn 200-300 sq. ft. per gallon
 @ 4.5 mils wet: 1.4 mils dry per coat
 Depending on porosity and texture.

Drying Time, @ 50% RH:

	@35-45° F	@45° F +
Touch:	4-6 hours	1 hours
Recoat:	24-48 hours	4-6 hours

Drying and recoat times are temperature, humidity, and film thickness dependent.

Finish: 0-10 units @ 85°

Tinting with CCE only:

Base:	oz. per gallon:	Strength:
Extra White	0-5	SherColor
Deep Base	4-12	SherColor
Ultradeep Base	10-12	SherColor

Extra White A19W00551

(may vary by color)

V.O.C.(less exempt solvents):

less than 100 grams per litre; 0.83 lbs. per gallon
 As per 40 CFR 59.406

Volume Solids: 32 ±2%

Weight Solids: 47 ±2%

Weight per Gallon: 10.62 lbs

Flash Point: N/A

Vehicle Type: 100% Acrylic

Shelf Life: 36 months, unopened

WVP Perms (US) 42.25 grains/ (hr ft² in Hg)

COMPLIANCE

As of 9/07/2023, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	N/A
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	N/A
MIR-Manufacturer Inventory	N/A
MPI®	No

APPLICATION

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours. Do not apply when air or surface temperatures may drop below 35°F within 48 hours.

No reduction needed.

Brush:

Use a nylon-polyester brush.

Roller:

Use a high-quality 3/8-3/4 inch synthetic roller cover.

For specific brushes and rollers, please refer to our Brush and Roller Guide on sherwin-williams.com.

Spray - Airless:

Pressure	2200-2400 p.s.i.
Tip	.019-.021 inch

APPLICATION TIPS

Thoroughly stir contents before and occasionally during use. For uniformity, mix all cans together before use. Do not mix with any other stains or coatings. A sample brush out is recommended to ensure desired color and appearance satisfaction.

All surfaces must be clean, dry and free from dirt, mildew stains, dust and other foreign matter. Remove surface stains, dirt and failed oxidized stains or finishes.

Use high bond exterior painter's tape such as FrogTape® High Bond Exterior Tape SMIS 6512-59798 when coated surfaces require masking. Allow coating to dry 24 hours prior to applying to surface.

APPLICATION TIPS

Apply without thinning by brush, roller or spray. If sprayed, use the lowest possible pressure needed for a reasonable spray pattern. Also, when spraying, be sure to back brush-roll to work the product smoothly and evenly into the wood. This will decrease the possibility of pools or puddles on the surface and ensure a properly penetrated finish.

Penetration will vary depending on porosity of the surface. Thoroughly coat cut ends and joints. Keep the leading edge wet and distribute the finish evenly. Use natural breaks as boundaries to divide large areas into smaller, more manageable ones.

SPECIFICATIONS

Wood:

2 coats WoodScapes® Rain Refresh® Exterior House Stain with Self-Cleaning Technology

Masonry, Stucco, Cement Composition Siding-Panels:

1 coat Loxon Concrete and Masonry Primer (if needed)
 or Loxon Conditioner (if needed)
 2 coats WoodScapes® Rain Refresh® Exterior House Stain with Self-Cleaning Technology

Two coats are recommended for maximum protection and full coverage.

WoodScapes® Rain Refresh®

Exterior House Stain with Self-Cleaning Technology

SURFACE PREPARATION

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.

Remove all surface contamination by washing with an appropriate cleaner, especially in areas not exposed to direct weathering such as under eaves and porch ceilings. Rinse thoroughly and allow the surface to dry. Replace any deteriorated substrate. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer. Test the absorbency of the wood by sprinkling water on the surface. If the water beads up or does not penetrate into the wood quickly, remove the existing finish or contaminant. Then test for absorbency again. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Mill Glaze:

Mill glaze is a glossy finish on new, smooth sawn wood or on the peaks of some textured wood. This must be removed by sanding to allow the finish to penetrate.

Smooth or Rough Wood Siding and Plywood:

Sand any exposed wood to a fresh surface. Replace any deteriorated wood. Some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. The first coat of this product may show some tannin discoloration, but it will be trapped in the first coat. A second coat will uniform the appearance. In severe cases and at some knots, a coat of Exterior Oil-Based Wood Primer may be needed prior to staining.

Composition Board, Hardboard, Pressure Treated Wood:

Remove any wax that may have leached out of the siding. Test the absorbency of the wood by sprinkling water on the surface. If the water penetrates into the wood quickly, the wood is ready to finish. If the water beads up or does not penetrate, remove the existing finish or contaminant. Then test for absorbency again.

SURFACE PREPARATION

Mildew:

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

Masonry, Cement Composition Siding-Panels:

Remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. If the surface is new, test it for pH, if the pH is higher than 9, prime with Loxon Concrete & Masonry Primer. After power washing, previously painted masonry may still have a powdery surface that should be sealed with Loxon Conditioner.

Stucco:

Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. If painting cannot wait 30 days, allow the surface to dry 7 days and prime with Loxon Concrete & Masonry Primer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.

Caulking:

Apply appropriate caulking and patching material to cracks, nail holes or other surface imperfections. Filled areas will take the finish differently than bare wood.

Consider using a caulk that is a color similar to the stain color.

CAUTIONS

Protect from freezing.

For exterior use on wood only.

Not for use on horizontal surfaces, such as a roof, deck, or floor, where water may collect.

Before using, carefully read **CAUTIONS on label**.

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

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CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.