



Exterior

Acrylic Stain w/ Enduradeck® Technology

418XX*

Product Description:

Storm System Acrylic Stain w/ Enduradeck Technology is a low sheen finish designed for use on decks and other exposed flat areas as well as vertical siding, fences and railings that are subjected to the rigors of drastic weather and temperature conditions, abrasion, acid rain or snow. This high hiding stain provides maximum protection against water, ultraviolet rays and general atmospheric contamination. This stain resists cracking, peeling and blistering and can be used on new wood, previously stained wood, properly pressure treated wood, and composite decking. This stain contains a unique rust inhibitor to retard nail and screw head rusting.

Recommended Use:

Sundecks, railings and posts, fences, benches, trellis, wood walkways, open porches, wood screening, patios, garden enclosures, outdoor furniture, siding and composite decking.

Application:

Surfaces must be thoroughly clean and dry. Always test a small area before application to the entire surface. All mildewed areas should be cleaned with Storm System All Surface Mold & Mildew Stain Remover. New pressure treated wood should be scrubbed with Storm System All Surface Cleaner to remove all surface deposits. Rinse thoroughly and allow to dry.
All surfaces should be sanded down to remove any dead wood fibers from the surface, to ensure proper penetration and adhesion. If coating over a previous Semi-Transparent or Semi-Solid stain, sand surface down to bare wood. New Cedar or redwood siding may have Mill Glaze. Abrading the surface by sanding will ease the surface tension and allow for the stain to properly penetrate and adhere.

Lead Warning ! - If you scrape, sand or remove old paint from any surface, 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. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Stir thoroughly before and during application to insure uniform appearance. Material should be intermixed by pouring into a large container and stirring before painting large areas, to insure color uniformity. On bare wood, thin the first coat with approximately one-pint water per gallon, then apply 1 or 2 un-thinned finish coats. Apply evenly with a quality nylon or synthetic brush maintaining a wet edge. Start at the end of boards and go along surfaces to a break point to avoid lapping. If spraying, back brush immediately. This product may also be applied by roller or pad applicator.

Architectural Specifications:

- For decks and fences:
 - Unfinished wood
 - Best application
 - 1 coat of 523XX Quick Dry Oil Primer + 1 coat of Acrylic Stain w/ Enduradeck Technology 418XX
 - Acceptable Application
 - 1 coat Acrylic Stain w/ Enduradeck Technology 418XX thinned 10-20% with water + 1 coat of Acrylic Stain w/ Enduradeck Technology 418XX un-thinned
- Previously stained decks and fences
 - 1 or 2 coats of Acrylic Stain w/ Enduradeck Technology 418XX
- For Aged Composite Decking
 - 1 coat of Acrylic Stain w/ Enduradeck Technology 418XX.
- For siding and vertical surfaces
 - Unfinished wood (where extractive bleeding may occur)
 - Best application
 - 1 coat of Storm System™ Quick Dry Oil Primer 523XX + 1 coat of Acrylic Stain w/ Enduradeck Technology 418XX
 - Acceptable application (Where bleeding type wood is not a concern)
 - 1 coat of Acrylic Stain w/ Enduradeck Technology 418XX thinned with 10-20% water followed by 1 coat of Acrylic Stain w/ Enduradeck Technology 418XX

Precautions:

Remove all mildew before application with Storm System Mold and Mildew Stain Remover. Not recommended for interior use. Avoid applying light color stains over dark stains or over creosote base stains. Air and surface temperature must be 35° F or above during application and drying time. Do not apply to smooth side clapboards without thorough sanding, weathering or pressure washing.

Safety Information:

Keep out of reach of children. Do not take internally. Close container after each use. All floor coatings are more slippery when the surface becomes wet or contaminated by dirt, oils, food, or beverage residues, or other debris. To attain the best possible skid resistance, coated areas must be kept dry, properly cleaned and maintained. Refer to Safety Data Sheet for additional health and safety information

Product Specifications:

Type: Alkyd Modified Acrylic
Exposure: Exterior
Specular Gloss: 10 @ 60° ±2
Volume Solids: 39.27 % ±2
Solids by Weight: 52.12 % ±2
Vehicle: 28.9 % ±2
Pigment: 71.1 % ±2
Dry Film Thickness: 1.9 mils
Viscosity @ 77 °F: 87 KU ±5
Maximum VOC: 100 g/liter
Flash Pt °F: Non-combustible
Thinner: Water
Clean Up: Soap & Water

Available Colors and Bases:

Light	Medium
Deep	Clear
White	

Available Package Sizes:

Quart	Gallon	5 Gallon
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(Weight Per Gallon: 10.7 lbs. ± .5 lb)

Drying Times:

To Touch:	1 hrs.
To Handle:	6 hrs.
To Recoat:	4 hrs.

(@ 70-77 °F, 50% R.H.)

Surface Spread Rate:

Smooth:	325-375 s.f./gal.
Porous:	200-275 s.f./gal.

(Spray Application is 50% of above)

Tools and Equipment:

- Brush -**
Synthetic, Nylon or Polyester
- Roller -**
3/8" Nap Synthetic Fiber
- Airless Spray -**
.017 to .019 Tip