



Exterior

100% Acrylic Stain - Matte  
412XX\*

### Product Description:

This heavily pigmented acrylic latex matte finish stain is ideal for use on new or previously stained exterior woods. The durable light fast pigments provide maximum fade resistance and color retention. This product is self-priming over most substrates where extractive bleeding is not a concern. Solid Color Latex Stains are extremely high-hiding and provide maximum stain durability while enhancing the natural grain and texture of the wood. Solid color stain is water repellent, mildew, fungus resistant and long lasting.

Storm System Acrylic Matte Stain can be used over previously painted sealed surfaces, hardboard siding or smooth planed cedar clapboards. This product contains wood preservatives which will help protect the film against mildew, fungus, and moisture on a properly prepared surface. Not for use on horizontal surfaces.

### Recommended Use:

Shingles, Trim, Shakes, Fences, Clapboards, Plywood, Texture Board, Hardboard, Outdoor Furniture

### Application:

**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](http://www.epa.gov/lead).

#### Surface Preparation:

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.

New wood should be primed with Storm System Oil or Latex Wood Primer before applying white or light colors to avoid bleeding and discoloration from water soluble wood extracts. This material can be applied by synthetic, bristle brush, roller, pad applicator or spray gun. Stain only a few rows of siding or shingles at one time. Always work across towards a natural break or edge such as a window or door. On vertical siding, start a few boards at the top and go all the way to the bottom. Avoid overlapping.

On hot summer days, a small amount of water can be added to this product to maintain a wet edge. Apply stain on the shady side of a building and not in direct sun whenever possible. These hot weather limitations do not apply to spray applications. This product is self-priming on new wood. New or unfinished wood to be stained with Storm System White or other light colors, however, should be primed with Storm System Quick Dry Oil Primer No. 52344 or Storm System Acrylic Latex Primer w/ Troubleshooter® Technology No. 54300 to avoid natural tannin or sugar bleed through from the new wood.

### Architectural Specifications:

- UNFINISHED SHINGLES, SHAKES, CLAPBOARDS, TEXTURE BOARD, TRIM  
1 coat of 523XX Quick Dry Oil Primer + 1 or 2 coats Storm System 100% Acrylic Stain - Matte No. 412XX
- HARDBOARD SIDING, SMOOTH BOARD  
1 coat Storm System Quick Dry Oil Primer No. 52344  
1 or 2 coats Storm System 100% Acrylic Stain - Matte No. 412XX
- PREVIOUSLY STAINED SURFACES  
1 coat of 523XX (Oil) or 543XX (Latex) Primer + 1 or 2 coats Storm System 100% Acrylic Stain - Matte No. 412XX
- PREVIOUSLY PAINTED OR SEALED SURFACES  
1 or 2 coats Storm System 100% Acrylic Stain - Matte No. 412XX

### 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. Not recommended for decks or horizontal surfaces.

### Safety Information:

Keep out of reach of children. Do not take internally. Close container after each use.

\*Note: This matte finish product is available in four bases as follows:  
No. 41291 Light Base (Specifications above are based on this formulation)  
No. 41292 Medium Base  
No. 41293 Deep Base  
No. 41295 Clear Base

### Product Specifications:

**Type:** Acrylic Latex\*  
**Exposure:** Exterior  
**Specular Gloss:** 2 @ 60° ± 2  
**Volume Solids:** 26.9 % ± 2  
**Solids by Weight:** 42.8 % ± 2  
**Vehicle:** 69.3 % ± 2  
**Pigment:** 30.7 % ± 2  
**Dry Film Thickness:** 1.3 mils  
**Viscosity @ 77 °F:** 92 KU ± 5  
**Maximum VOC:** 250 g/liter  
**Flash Pt °F:** Non-combustible  
**Thinner:** Water  
**Clean Up:** Soap & Water

### Available Colors and Bases:

Clear	Light
Medium	Deep
White	

### Available Package Sizes:

Quart    Gallon    5 Gallon

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

### Drying Times:

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

(@ 70-77 °F, 50% R.H.)

### Surface Spread Rate:

**Smooth:** 300-400 s.f./gal.  
**Porous:** 100-200 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 Tip