



Mill Glaze Away

STAIN PREP - MILL GLAZE AWAY® will extend the life of a coating by stabilizing the pH and opening the pores of wood. Other acid or bleach based preparation products do not leave wood in the proper condition for waterborne coatings such as **NATURAL DECK OIL™**.

FEATURES

- Biodegradable
- Water rinse clean up
- Easy to use
- One 8.8 oz. bag (250 g) makes 2.5 gallons (9.5 L)
- Contains no bleach, TSP or caustic soda

Bio-Wash Stain Prep™:

- Will extend the life of any coating system
 - Cleans and prepares wood for coating
 - Quickly cleans dirt and water stains
 - Removes planer crush (Mill Glaze)
 - Conditions wood by washing away acid residue
 - Protects surface with a natural borate treatment
 - Maximizes coating performance
- GUARANTEED**

TYPICAL USES

Bio-Wash Stain Prep™ has been proven to effectively prepare wood surfaces for coating by penetrating the wood and removing dirt and acid build-up. This revolutionary product will enhance the life of any coating.

Some applications include:

- Decks
- Logs
- Fences
- Shakes
- Siding
- Use on ALL new wood prior to staining or painting as a part of your Total Wood Care

PROPERTIES

Appearance:	White Granular Powder
Specific Gravity:	1.71
Boiling Point:	N/A
Freezing Point:	N/A
pH:	5.1
VOC Content:	0 g/L
Flash Point:	N/A
Viscosity:	N/A
Shelf life	24 months
Coverage:	up to 500sq.ft/bag
(theoretical)	46sq.m/bag

Worker Health and Safety:
Not Regulated

PACKAGING

VOLUME:	WEIGHT:
1 bag x 20 bags/case	11lbs-5Kg
	11x10.5x7in
5 USGal/18.9L pail	38lbs-17Kg
	12x12x15

One pallet takes 36 pails or 72 cases.
Not Regulated for transportation

THE TECHNOLOGY

Napier is engaged in the business of developing environmentally friendly and worker safe alternatives to the harsh and often toxic chemicals used in the coatings industry. Napier holds many patents for the innovative products it has developed.



Directions for use



Prewash with **STAIN PREP™ - MILL GLAZE AWAY®** to make your paints and stains last longer. Maximize coating performance by removing dirt, mildew, waxy residue and mill glaze. Prepare your wood so paints and stains penetrate fully and evenly. STAIN PREP™ is specifically made to condition wood to the proper pH prior to applying new generation waterborne wood finishes.

APPLICATION PROCEDURES:

Dissolve contents into 9 L • 2.5 gal. of warm water (above 27°C • 81°F). Apply with mop, sponge, brush, roller or garden sprayer. Wait 5-15 minutes and agitate with brush and rinse with water. Allow wood to be dry-to-touch before applying new coating.

COVERAGE:

Up to 500 sq. ft - 46 sq. m. (per bag depending on surface).

PRECAUTIONS:

Wear rubber gloves and eye protection. Avoid ingestion or contact with skin or eyes. Wear personal protective equipment. When spraying wear NIOSH/MSHA approved respirator. Do not expose to bare metal.

FIRST AID:

Contains sodium borate decahydrate. Avoid contact with eyes. In case of contact with eyes flush with water for 15 minutes and get medical attention. See Medical Safety Data Sheet for more health and safety information.

DISPOSAL:

Dispose of remaining product in accordance with applicable environmental and government regulations.

WHAT IS MILL GLAZE?

"Mill glaze" is a term used by the coatings industry to define the smooth glossy-like surface that develops on newly milled lumber. This glossy surface or "mill glaze" is caused by planers and saw blades turning at extremely high speeds. The high temperature and pressure can literally polish the wood to a glaze-like condition. It is these shiny looking or mill glazed areas that prevent proper coating penetration and adhesion resulting in premature peeling and failure.

WHY USE STAIN PREP™?

Use of STAIN PREP - MILL GLAZE AWAY® will allow for immediate coating application with **Natural Deck Oil™** without the need to allow wood to season. Standard practice has been to allow new-wood to weather unprotected for up to 90 days. This weathering process solves the problem of mill glaze through exposure of wood to sun and water. However, outdoor exposure to sunlight (ultraviolet radiation) and water can cause wood to discolor.

CONTRACTORS HINTS:

STAIN PREP™ helps protect against wood rot, mold and mildew with a natural borate wood treatment. Protect new wood decks, fences, siding and other structures when you build them so they retain their natural look. Prewash with STAIN PREP™ and immediately coat with Natural Deck Oil™ before graying and weathering begin. Use STAIN PREP™ on pressure (CCA) treated lumber to condition the surface before painting or staining. If wood surface appears gray and weathered, use WOODWASH™. If wood needs heavy duty cleaning use Simple Wash™ then STAIN PREP™.