



GREENSOLV
ENVIRONMENTAL PRODUCTS

PRE-PAINT GUIDE

The life of a coating depends as much on the degree and quality of surface preparation as on the selected coating system.

HOW TO PREPARE OUTDOOR WOOD BEFORE PAINTING

According to SSPC (The Society for Protective Coating)

TYPES OF CONTAMINANTS:

- **MOLDS & MILDEW** (dark grey coloration)
- **WOOD PRESERVATIVES** (chemical treatment)
- **DIRT**
- **OIL & GREASE**
- **HUMIDITY**
- **STAIN†**
- **DUST**

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MADE IN CANADA

BEFORE PAINTING, MAKE SURE THAT:

- 1. Ambient temperature is above 10°C**
- 2. Wood is dry**
- 3. Surface is free of the following contaminants:**
 - Dirt, molds & mildew (dark-grey coloration), wood preservatives, stain†, dust, oil & grease, humidity

REMOVING OLD STAIN

It is much easier to remove the stain chemically than to sand the whole surface.

Cleans: Wood stain (oil based and water based), wood preservatives, molds & mildew (dark-grey coloration), dirt, dust, oil & grease

Products:

G-MAX 308 – WOOD STAIN REMOVER

- Dilution: use G-MAX 308 undiluted (100%)
- Coverage: 150 sq. ft./gallon – undiluted product

OPTIONAL*

G-CLEAN 501 – WOOD CLEANER & BRIGHTENER – concentrate

- Dilution: 20% G-CLEAN 501 / 80% water
- Coverage: 750 sq. ft./gallon – diluted solution (20/80 ratio)

WOOD CLEANING

If the wood structure is bare, it is recommended to thoroughly wash it with G-MAX 308 to remove mildew and wood preservatives (chemical treatment) prior to applying a new stain. It will optimize the adherence and longevity of the coating.

Cleans: Dirt, Molds & mildew (dark-grey coloration), wood preservatives, dust, oil & grease

Products:

G-CLEAN 501 – WOOD CLEANER & BRIGHTENER – concentrate

- Dilution: 20% G-CLEAN 501 / 80% water
- Coverage: 750 sq. ft./gallon – diluted solution (20/80 ratio)

OR **G-MAX 308** – WOOD STAIN REMOVER **

- Dilution: 25% G-MAX 308 / 75% water
- Coverage: 600 sq. ft./gallon – diluted solution (25/75 ratio)

G-MAX 308
0% VOC
Biodegradable



G-CLEAN 501
0% VOC
Biodegradable

†Depending on the customer's needs, adherent stain might not have to be removed before applying a fresh coat of stain. However, it is crucial that loose stain be removed with a scraper, a brush or a water jet. Sanding the surface and/or washing with chemicals will maximize adherence of the old stain.

*Wood Cleaner & Brightener is recommended to bleach the wood surface, especially for wood species such as cedar and teak. For pine and spruce, this step is optional.

**To rejuvenate a grey or dark colored wood surface, the use of G-MAX 308 diluted with water at a ratio of 25%/75% is the best option. Mildew will be completely removed leaving a light yellow colored wood surface.

STEP 1

STRIPPING WOOD STAIN (contact time: 15 min.)



Note: G-MAX 308 may darken some wood species. Proceed to a test on a small surface before use. If the wood surface darkens after the application of this product, use G-CLEAN 501 to restore the color.

- Protect the surrounding vegetation by wetting it with water prior to applying **G-MAX 308** OR by covering it with a plastic drop-sheet.
- Apply **G-MAX 308** undiluted with a sprayer, a broom or a wide brush on the surface to be stripped.
- Wait 15 minutes. It is crucial to let the product work for a minimum of 15 minutes and a maximum of 25 to 30 minutes. Make sure the surface stays wet with **G-MAX 308**. Reapply if needed.

STEP 2

WATER RINSE WITH PLENTY OF WATER



- Brush and rinse with water OR rinse with a pressure washer (1,000 to 3,000 psi). Rinse until foam disappears.

OPTIONAL – BRIGHTENING WITH G-CLEAN 501

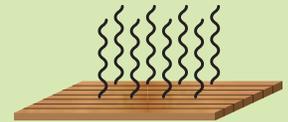
Note: If the surface has darkened after the use of G-MAX 308, it is recommended to use G-CLEAN 501 to BRIGHTEN the surface. Follow these directions:

- Make a diluted solution by adding 80% water to a volume of 20% of G-CLEAN 501
- Apply the diluted solution on the surface to be cleaned with a sprayer or a brush
- Let work for 5 to 10 minutes, do not let dry, reapply if needed
- Scrub the surface with a brush OR a pressure washer (1,000 to 3,000 psi)
- Rinse with plenty of water until foam disappears

STEP 3

AIR DRY

(min. 24 to 48 hours)



- Wait until the surface is completely dry before applying a new coating (stain or paint). When applying a solvent borne stain, it is crucial that the surface be completely dry. When applying a water borne stain, drying time can be reduced
- For more information, ask your paint retailer

STEP 4

APPLYING A NEW COATING



- At this point, the wood surface is dry, free of contaminants and has a surface profile that maximises adherence
- For a smooth finish, you can sand the surface for better results
- You can now start painting or staining