

## **HULL MAXX APPLICATION INSTRUCTIONS**

**WARNING:** Hull Maxx is a foul release coating. When the coating is dry, it is grippy; however, its effectiveness is due to the fact that when it is cured and water comes into contact with it, it is extremely slippery. Therefore, when repositioning the boat on jack stands, lifting it with straps or moving it with equipment and the hull is wet, please use extreme caution. We recommend securing the straps to the boat cleats to prevent them from slipping in transit, especially when lifting the boat out of the water. If the boat is being placed on jack stands after coming out of the water, dry the area that will rest on the jack stands to prevent slippage.

Hull Maxx application is a simple procedure and does not require any special equipment. It is as basic as painting your hull surface with the product; yet surface preparation is critical for the success of the application. Hull Maxx may also be applied over existing bottom paint through a hot coating process of Hull Maxx over a fresh coat of bottom paint (ONLY IF NON-ABLATIVE/ HARD ANTI-FOULING BOTTOM PAINT IS USED).

### **APPLICATION OVER GEL COAT**

#### **PREPARATION:**

Hull Maxx requires a clean surface free of any oils, contaminants, wax or ceramics. De-wax the hull with “Prep-All Wax & Grease Remover” or other similar product if applicable. Always wear latex gloves to keep skin oils from contaminating the surface.

1. For boats that have been in salt water, wash the surface area with Palm Olive, Dawn or other similar dish detergent to remove any soluble salts from the porosity. Do not use specialty boat cleaner soaps that may contain protective additives or waxes.
2. For best adhesion, use a dual-action sander and 320 grit paper to sand the entirety of the surface to be coated. We recommend coating 2-4 inches above the actual waterline to account for maximum loading conditions and to provide for easier cleaning of that splash area. It is imperative that after sanding you wash the hull thoroughly with a water hose or pressure cleaner. Wiping with rags is not sufficient to remove resulting dust and application failure could occur. If you wipe the area with your hand and see any resulting dust on it, further cleaning is required.
3. As an alternative if dry sanding is not possible, sand the portion of the hull bottom to be coated with a “Type ‘A’ Very Fine Finish” Scotch-Brite Hand Pad (Part #07447) using medium hand pressure. Wet the pad in a bucket of soapy water using Palm Olive, Dawn or other similar dish detergent that does not contain any waxes. As the surface dries, you

should see a flat, non-glossy consistent finish across the hull. Be sure there are no glossy spots left on the surface; repeat process if you see any remaining gloss.

4. Rinse with clean water (water hose or pressure wash) to make sure all soap and paint chalk/residue is removed. Allow to dry to make sure the entire area has been properly sanded.
5. With a moisture meter, check all the prepared area to ensure that there is no moisture in the hull. If moisture is present, notify the owner and yard so it can be addressed prior to application. Hull Maxx is an excellent barrier coat but it will also not allow moisture to exit the coating from the inside which could result in paint blistering if moisture is trapped below it.
6. After dry, wipe the hull surface with odorless mineral spirits. Allow it to dry for at least 3 to 5 minutes.
7. Wipe on Nasco's "Adhesion Promoter Primer" provided with the Hull Maxx Kit ("Primer") with a small applicator pad to the hull surface. Please note that a little goes a long way. Primer will turn cloudy in 5 to 7 minutes. Hull Maxx must be applied within 30 minutes of Primer application. If the 30-minute window is missed, simply apply another coat of Primer to that area. Depending on vessel size and due to the application window, we recommend that you apply our Primer and Hull Maxx in sections or have one person apply Primer followed by another 5-10 minutes later who rolls on the Hull Maxx.

#### **APPLICATION:**

1. Apply Hull Maxx on top of the Primer with a 6" foam roller. Overlap 50% when rolling to ensure full coverage. You may use a foam brush for corners, around engine brackets and such.
2. Sufficient Hull Maxx coating requires a thick wet film of at least 6 mil thickness. You are looking for a consistently wet (but not runny) and uniform coverage. You should hear a slight stickiness sound as you roll back and forth; if you do not, you are not applying enough product. As you are applying Hull Maxx, we recommend that you inspect your work every 4 to 5 feet to ensure consistent application. Watch out for runs, high spots and low spots. **CAUTION:** attempting to use less Hull Maxx than recommended by spreading it too thin will result in ineffectiveness/failure of the coating.
3. When applying Hull Maxx PLUS to white or light-colored hulls, we recommend that you apply two thinner coats to the hull sides (does not need to be dry before the second coat) in order to properly disperse the growth slowing additive that it contains. Application of one heavier coat may result in a cloudiness or slightly yellowish tint. Hull Maxx PLUS is not recommended for application to bare aluminum as it may result in the yellowish tint as well.

4. Allow to dry for a minimum of 24 hours before moving the jack stands in order to coat those areas previously covered by them. We recommend that you cover the stands with wax paper to keep them from sticking to the newly coated areas. Complete all preparation and application steps for those limited areas and allow 24 hours for proper cure time before submerging the vessel. The product will fully cure after 24 to 30 hours depending on the thickness of coating, ambient temperature and humidity. Do not apply Hull Maxx in temperatures below 50° Fahrenheit (10° Celsius). Plan ahead according to changing weather conditions.

When moving the boat after initial application, we recommend that you place ordinary wax paper between any lift straps or forks and the hull in order to prevent any marring of the coating.

#### **REPAIRS:**

If the coating has come off any part of the hull down to the gel coat, simply repair that exposed area by repeating the steps above. If the coating is only scuffed or scraped, clean thoroughly and recoat with Hull Maxx, feathering it into the surrounding coating.

#### **HOT COATING HULL MAXX TO BOATS WITH NON-ABLATIVE OR HARD ANTI-FOULING PAINT**

Hull Maxx can also be coated over **non-ablative or hard anti-fouling** paint in accordance with the following instructions:

- 1) Sand the existing bottom paint and recoat with a **non-ablative or hard anti-fouling** paint in accordance with the manufacturer's directions. It is important to NOT use ablative paints or other self-polishing types of paints which will not provide for proper Hull Maxx adhesion and may result in the coating peeling off. The only purpose of the fresh coat of paint is to lock Hull Maxx into it as it dries. Hull Maxx will be the outer coating providing foul release protection and improved performance and efficiency.
- 2) Once you apply the **non-ablative or hard anti-fouling** paint, you will apply Hull Maxx to the hull with a foam roller while the paint is still tacky (will leave a fingerprint but paint will not come off on your finger). As bottom paint dries fairly quickly, you may have to coat your boat in sections. You may review this YouTube video for a hot coating demonstration: <https://youtu.be/Pf8ricIRR7Q>. Allow Hull Maxx to dry 24 hours before submerging the boat in water.

#### **COATING OTHER SURFACES**

Hull Maxx can also be applied over non-moving metals (stainless, aluminum, powder coated or painted metal) such as used on trim tabs, engine mounts, swim platforms and lower units; glass and plastic. As metals have a greater density, a more aggressive sanding of 80 to 100 grit is required for uncoated metals. Do not sand the lens of lights and always take caution when sanding painted metals such as those on lower units in order to avoid damaging the protective coating it provides. We recommend the "Type A" Scotch Brite pad referenced in paragraph 3.

After sanding, apply Primer with an applicator pad, allow to dry for 5 to 7 minutes and apply Hull Maxx with a foam roller or brush. Allow to dry for 24 hours.

For preparation and application questions, please call Ron Bogner (561) 541-4766 with Nasco Worldwide.

