

BEFORE YOU ARRIVE FOR INSTALL

Installation of vinyl on a boat is very similar to a standard vehicle, however special care needs to be taken to ensure a quality fit and finish, as well as durability. This is a permanent installation, there can be no relief cutting or patching, it will be exposed to the harshest condition and needs to perform for years to come

The material for this boat uses 3M

If you have not used this product, please do some research and familiarize yourself with it's characteristics before arriving to the installation

ITEMS YOU WILL NEED FOR PROPER INSTALLATION:

YOUR STANDARD INSTALL TOOLS

TEMPERATURE GUN

3M TSA-1 LARGER AREA ROLLER

3M TSA-2 MORTER JOINT ROLLER

3M TSA-3 EDGE ROLLER

3M LIQUID EDGE SEALER 3950

3M PRIMER 94

70% ISOPROPYL ALCOHOL

DENATURED ALCOHOL

LINT FREE CLOTH FOR CLEANING

WE ALSO SUGGEST BRINGING A ROLLING SIT STOOL

Begin install on the rear of boat first and the sides second. DO NOT cut the chime areas of wrap. These areas need to be tucked. Once the rear and sides are installed, post heat all edges, overlaps, and chime areas at approx. 500 degrees but not to a temperature where heat can damage boat. Using 3M Edge Sealer go over all edges paying close attention to the bottom of boat. Wipe down boat leaving the wrap clean of finger prints.

PREPERATION AND INFO FOR COMPLEX CURVES / CONCAVES / HULL CHIMES

SPECIAL CARE NEEDS TO BE APLIED TO ANY AND ALL CHIMES ON THE HULL.

THESE AREAS NEED TO BE CLEANED THROUGHLY, PRIMERED WITH 3M PRIMER 94 PRIOR TO INSTALLING THE GRAPHICS. THERE IS A HIGH CHANCE OF FAILUER IF THESE STEPS ARE NOT FOLLOWED.

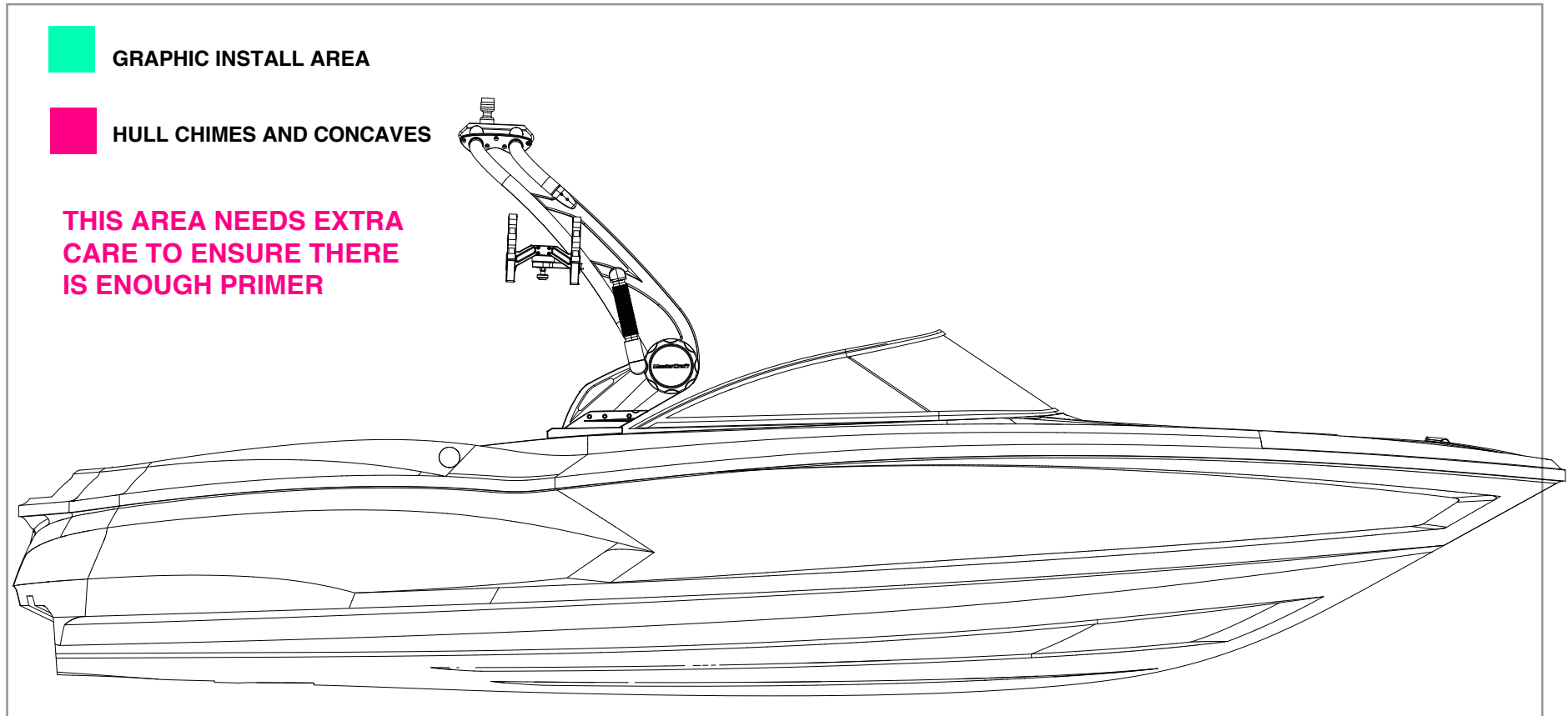
DEALING WITH CONCAVES AND HULL CHIMES

ALWAYS “FEED” THE VINYL INTO, RATHER THAN “BRIDGING” IT OVER THE CONCAVE / CHIMES TO PREVENT OVERSTREACHING. OVERSTREACHED VINYL HAS “MEMORY” OF IT’S ORIGINAL SHAPE AND WILL TRY TO RETURN TO THAT OVER TIME CAUSING THE GRAPHIC TO FAIL. “BRIDGING” MAY BE USED ON NON CRITICAL SMALL INDENTATIONS, BUT AS A RULE USE THE “FEED” METHOD. **GOOD PREP WORK IS THE CRITICAL KEY HERE**, MAKING SURE THE SURFACE IS THROUGHLY CLEANED, PRIMERED, THE ENVIORMENT, TOOLS ARE CLEAN AND THE USE OF LINT FREE RAGS.

FOR AREAS YOU DO NEED TO “BRIDGE”

PRIMER, INSTALL THE GRAPHIC, USE A TEMPATURE GUN AND HEAT THE VINYL TO APPROX. 180 DEGREES, THEN USING THE APPROPRIATE 3M TSA TOOL FOR THE SIZE OF CONCAVE, FORM THE MATERIAL INTO THE CONCAVE SURFACE.

POST HEAT TO 200 DEGREES TO KILL MEMORY IN AREAS OF AGGRESIVE CONTOURS



INSTALLATION OF THE SIDE PANELS



ADJUST OVERLAYS AS NEEDED, DO NOT CUT ON THE OVERLAY WILL CAUSE THE WRAP TO FAIL
SIDE PANEL SHOULD OVERLAP THE BACK PANEL ON THE SIDE.

AFTER THOROUGH CLEANING, PRIMERING AND INSPECTION

MOCK THE GRAPHICS UP ON THE SIDE OF THE BOAT, ENSURE THE GRAPHIC FITS CORRECTLY. THE BACKS OF THE SIDE PANELS SHOULD OVERLAP THE BACK PANEL AND OVERLAP THE REAR PANEL AT THE SOLID BLACK PRINTED AREAS

USING 3M BEST PRACTICES INSTALL THE SIDE PANEL

AS YOU INSTALL THE SHAPE OF THE HULL WILL WANT TO FORCE THE FRONT OF THE PANEL UPWARDS, THE DESIGN IS BUILT TO ACCOMMODATE THIS, HOWEVER AS YOU INSTALL INSURE THAT THE GRAPHICS GOING ABOVE THE RUB RAIL ALIGN PROPERLY, AND THAT INSTALLED THE FINISHED PRODUCT LOOKS AS MUCH LIKE THE MOCK-UP AS POSSIBLE.

VERY IMPORTANT!!

WHEN INSTALING THE SIDE PANEL OVERLAPING THE BACK PANEL, YOU NEED TO PRIMER THE BACK PANEL WHERE THEY OVERLAP.

3M Edge Sealer 3950

Product Description

3M• Edge Sealer can be applied around all exposed edges of film to help prevent the film from lifting due to environmental exposure or cleaning.

Characteristic	Description
Color	Clear
Composition	Acrylic/vinyl solution in xylene
Application temperature range	50° to 100°F (10° to 38°C)
Minimum viscosity	400 Centipoise
Percent solids	46 +/- 2.5 %
Service temperature range	-60° to +150°F (-51° to + 65°C)
Chemical resistance	Resists mild acids, mild alkalis, and salts. Excellent water resistance. Hydraulic fluid, LD-4, will dissolve 3950 within one hour of exposure.

Compatible Products

Please refer to the Product Bulletin for the film you are using to determine the graphic's film and ink compatibility to edge sealer 3950.

You may view and print these bulletins from our website at www.scotchprintgraphics.com, or order them via our Fax-on-Demand (FOD) system. Call one of these phone numbers to order the desired bulletins, and specify the FOD document number provided in the chart.

United States or Canada: 1-800-364-0768
International: 1-651-732-6506

How To Apply Edge Sealer

1. Do not apply edge sealer unless the temperature is above the minimum recommended temperature.
2. Remove the application tape and re-squeegee the edges before applying the edge sealer.
3. Use the felt dauber supplied with edge sealer or a 1/4 inch (0.6 cm) brush.

4. Wipe any excess edge sealer off the dauber or brush.
5. Hold the brush or the flat edge of the dauber so that it straddles the film and substrate
6. Pull the dauber or brush along the edge in a smooth, continuous motion. Make sure the entire edge is covered with no gaps. See Figure 1.

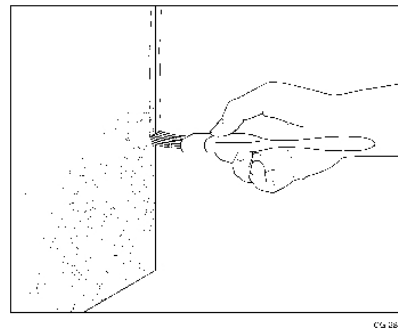


Figure 1. Applying Edge Sealer

Shelf Life and Storage

Store edge sealer in a cool, dry place and use within one year from the date of purchase.

Tightly cap the container after each use.

Health and Safety

Caution

When handling any chemical products, read the manufacturers' container labels and the Material Safety Data Sheets (MSDS) for important health, safety and environmental information.

To obtain MSDS sheets for 3M products:

- By fax, call 1-800-364-0768 in the US and Canada or 1-650-556-8417 for all other locations.
- Electronically, visit us at <http://www.3M.com>, then select MSDS search.
- By mail, or in case of an emergency, call 1-800-364-3577 or 1-651-737-6501.

When using any equipment, always follow the manufacturers' instructions for safe operation.

- 1. Inspect boat for damage. Scratches, chips in the gel coat, etc. should be photographed and documented.**
- 2. Prep boat with isopropal alcohol.**
- 3. Run a small 1/4" bead of 3M Primer 94 inside all chime and along bottom of boat where final trim will be.**
- 4. Tape all graphics (sides and rear) in place to assure proper alignment and placement.**
- 5. Once alignment and placement are set, place knifeless tape where any cuts will be made in the field of the boat.**