

FEYNLAB® HYDRO MARINE COATING

Product Description

FEYNLAB™ HYDRO is a TRUE UV protector! A Marine Coating designed to combat the harshest environments at sea in the most sun drenched climates of the world.

Product Benefits

FEYNLAB HYDRO Marine Coating is designed to handle the harsh conditions of watercraft. This hardcore UV coating protection is compatible with both painted and gel-coat finishes. HYDRO uses smart nano particles which scatter UV rays at an incredible success rate, so the probability of UV reaching the paint surface is reduced to roughly 1%. This solves age old issue of the yellow, chalky, and powdery gel-coat oxidation from UV damage.

HYDRO creates a hydrophobic surface, causing water and contamination to quickly release. This speeds up rinse downs after use, making cleaning ultra simple. (Assuming the watercraft is dry docked and not sitting in water for prolonged periods, where anti-fouling would be required.)

The hydrophobic properties of HYDRO help decrease water drag when applied below the water line. Application to the propellers aids in fuel consumption.

HYDRO is not an anti-fouling agent and should only be used above the waterline if the watercraft spends long periods of time in the water.

HYDRO is visually similar to Ceramic: Exceptionally Glossy, Crisp, and Vibrant.

Durability, Warranty & Specs

Durability up to 5 years on all clear-coated painted surfaces. Application includes full paint decontamination & prep along with application of FEYNLAB HYDRO.

APPROVED SURFACES FOR APPLICATION – DO NOT apply to unapproved surfaces

1. Clear-coated & Gel-Coated painted surfaces
2. Non-Skid Surfaces
3. Propellers
4. Aluminum Surfaces

Shelf Life

Unopened – 1 year. Opened – Use within 2 months.

Included

250 ml HYDRO POLISH & PRIME
250 ml HYDRO PREP COAT
250 ml HYDRO TOP COAT
250ml HYDRO BUFFING AID

Cautions

Always wear respirator & gloves during application. Ensure application area is free of loose contamination.

Paint Preparation:

Thoroughly clean boat surface using FEYNLAB PURE WASH. Follow with a topical decontamination clay treatment using FEYNLAB PRIME. Polish all surfaces to be coated with HYDRO POLISH & PRIME, if major correction is needed use FEYNLAB F100 HEAVY CUT COMPOUND first, then follow with HYDRO POLISH and HYDRO PRIME.

Directions:

Prior to application, place vessel in a well lit area, preferably in a temperature controlled contaminate free environment. Have plenty of microfiber towels and 3-6 applicators on hand before application. It is recommended that you tape / mask off any areas not approved for application of the HYDRO coating system. Shake each bottle for 2 minutes before use. Open the bottle slowly to release any pressure that might of occurred.

HYDRO Application Instructions for Shiny Painted or Gel-Coated Sections:

1. Apply enough HYDRO PREP COAT to the microfiber sponge to cover your intended area. If working out of direct sunlight you should be able to cover the sides of a 30ft center console before the coating will be setup beyond the point of being able to move onto top coat. Starting in the middle of the section you intend to coat, drag coating out making an "X" or "+" sign and then continue to apply coating first in a circular pattern fully covering the intended area. After complete coverage in circles, finish in straight lines to ensure even coverage and consistent drying times. Swipe test after your section to make sure the coating isn't setup yet, if still wet continue down the rest of the sides of the boat. Once you make it to the end go back to your starting point and swipe test the surface again. If still wet allow to setup a little longer. Once setup you are ready to move onto the second step - HYDRO TOP COAT.

NOTE: You do not remove HYDRO PREP COAT.

2. Apply enough HYDRO TOP COAT to the microfiber sponge to cover your intended area. If working out of direct sunlight you should be able to cover the sides of a 30ft center console before the coating will be setup beyond the point of being able to move onto

HYDRO BUFFING AID. Starting in the middle of the section you intend to coat, drag coating out making an “X” or “+” sign and then continue to apply coating first in a circular pattern fully covering the intended area. After complete coverage in circles, finish in straight lines with little to no pressure to ensure even coverage and consistent drying times. Swipe test after your section to make sure the coating isn’t setup yet, if still wet continue down the rest of the sides of the boat. Once you make it to the end go back to your starting point and swipe test the surface again. If still wet allow to setup a little longer. Once setup you are ready to move onto the third step - HYDRO BUFFING AID.

NOTE: You do not remove HYDRO TOP COAT.

3. Apply enough HYDRO BUFFING AID to the microfiber sponge to cover your intended area. If working out of direct sunlight you should be able to cover the sides of a 15-30ft center console before the coating will be setup beyond the point of being able to buff the surface clear. Starting with the middle of the section you intend to coat, drag coating out making an “X” or “+” sign and then continue to apply coating first in a circular pattern fully covering the intended area. After complete coverage in circles, finish in straight lines with little to no pressure to ensure even coverage and consistent drying times. Swipe test after your section to make sure the coating isn’t setup yet, if still wet continue down the rest of half of the boat or possibly the full side. Once you make it to the either halfway or the full side gently buff the surface clear with a clean microfiber towel. This will take several towels per boat.

NOTE: Propellers & Aluminum areas can be coated using the same application instructions as the sides of the boat.

Nonskid Application: Recommended to Wear Booties Over Shoes

1. Apply enough HYDRO PREP COAT to the microfiber sponge to cover your intended area. If working out of direct sunlight you should be able to cover the 30ft center console nonskid before the coating will be setup beyond the point of being able to move onto top coat. Starting from front to back or back to front, in the middle of the section you intend to coat, drag coating out making an “X” or “+” sign and then continue to apply coating first in a circular pattern fully covering the intended area. After complete coverage in circles, finish in straight lines to ensure even coverage and consistent drying times. Swipe test after your section to make sure the coating isn’t setup yet, if still wet continue onto the rest of the nonskid. Once you make it to the end go back to your starting point and swipe test the surface again. If still wet allow to setup a little longer. Once setup you are ready to move onto the second step - HYDRO TOP COAT.

NOTE: You do not remove HYDRO PREP COAT.

2. Apply enough HYDRO TOP COAT to the microfiber sponge to cover your intended area. If working out of direct sunlight you should be able to cover the 30ft center console before the coating will be setup beyond the point of being able to move onto BUFFING AID. Starting in the middle of the section you intend to coat, drag coating out making an of “X” or “+” sign and then continue to apply coating first in a circular pattern fully covering the intended area. After complete coverage in circles, finish in straight lines to ensure even coverage and consistent drying times. Swipe test after your section to make sure the coating isn’t setup yet, if still wet continue down the rest of the sides of

the nonskid. Once you make it to the end go back to your starting point and swipe test the surface again. If still wet allow to setup a little longer. Once setup you are ready to move onto the third step - HYDRO BUFFING AID.

NOTE: You do not remove HYDRO TOP COAT.

3. Apply enough HYDRO BUFFING AID to the microfiber sponge to cover your intended area. If working out of direct sunlight you should be able to cover 15-30ft center console nonskid before the coating will be setup beyond the point of being able to buff the surface clear. Starting with the middle of the section you intend to coat, drag coating out making an "X" or "+" sign and then continue to apply coating first in a circular pattern fully covering the intended area. After complete coverage in circles, finish in straight lines to ensure even coverage and consistent drying times. Swipe test after your section to make sure the coating isn't setup yet, if still wet continue down the rest of half of the nonskid or possibly the full nonskid. Once you make it to the either halfway or the full nonskid gently buff the shiny sections surface clear with a clean microfiber towel while leaving the coating on the nonskid sections without removal. If the surface looks uneven on the nonskid sections you can even out with your buffing aid applicator, no further product added to the pad. This will take usually 1 to 2 towels to buff the shiny sections clear.

Final Inspection

Be sure to carefully inspect all finished panels for any leftover coating residue (high spots) during the final wipe. Commonly edges, emblems, and other tight areas may contain some remaining residue. High spots are much easier to remove if caught within a 20-40 minute window after the final wipe, than later when the coating has set and curing has started.

Curing

Allow boat to sit in sun as long as possible before vessel leaves your work area. Do not allow boat to enter water for a recommended time of 7 days. Avoid chemical exposure for 7 days. Wash and maintain vessel using FEYNLAB WASH regularly.

Climate Notes

If high humidity or moisture is present in your work area dwell times will decrease, work in smaller areas.