

ACS3000

YACHT KERAMIK

PROTECTIVE SEAL METAL

APPLICATION DESCRIPTION

ACS3000

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Sealing a ship propeller with ACS3000 Yacht Keramik Protection seal metal for bronze and brass parts by using the ACS3000 Priming Coat

This application description uses an example to explain the correct use of ACS3000 Yacht Keramik Protective Sealer for bronze and brass parts.

To coat a bronze or brass marine propeller with our specially developed sealer using ACS3000 Priming Coat, please follow these steps carefully to ensure optimum protection and durability:

Materials used

- **ACS3000 Priming Coat:** This serves as a bonding agent for the subsequent ceramic coating.
- **ACS3000 Yacht Keramik Protection seal metal:** For sealing the propeller.
- **Cleaning agents:** Alcohol or a special surface cleaner to ensure that the propeller is free of oil, grease or other contaminants.
- **Protective equipment:** Gloves, respirator mask and safety goggles.
- **Brush, spray gun or sponge** (depending on the coating method).

Step-by-step instructions

1. Preparing the ship propeller

- Clean the propeller thoroughly with a grease remover or alcohol to completely remove oil, dirt and old coatings.
- If the propeller is already slightly corroded, please sand it down carefully to smooth the surface and ensure that the coating adheres well later.
- Then dry the propeller completely before you start priming.

2. Applying the ACS3000 Priming Coat

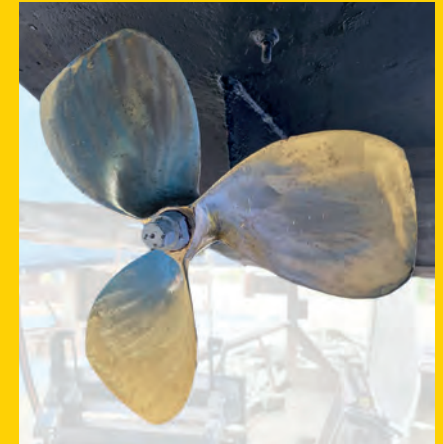
- First apply a thin and even layer of ACS3000 Priming Coat. Use one of the white cloths for this.
- Make sure that the primer is evenly distributed to create a continuous layer without gaps or bubbles.
- **Flash-off time:** Allow the primer to dry for 30 minutes after application and then apply the 2nd coat.
- **After the flash-off time:** As soon as the 2nd coat has dried, please apply the yacht ceramic coating directly. It is important to observe the flash-off time to ensure a good bond between the primer and the yacht ceramic coating and thus achieve a durable seal.

3. Applying the ACS3000 Yacht Keramik Protection seal metal

- As soon as the primer is dry, you can apply the ACS3000 Yacht Keramik Protection seal metal.
- Apply the ceramic coating evenly to the propeller. Please use one of the white cloths for this.
- Make sure that all areas of the propeller are sealed. As the seal ensures protection against corrosion and fouling.
- Please observe the recommended drying time between coats.

4. Curing

- Allow the ceramic coating to harden. It may take a few days to fully cure, depending on the product used and the ambient conditions.
- Avoid contact with water, solvents or other environmental influences during application and drying.



Sealing with ACS3000 Yacht Keramik provides your propeller with effective, long-term protection against corrosion and fouling. In addition, by following the steps in this application description when sealing, you will ensure a longer service life and better performance of your propeller.

If you have any questions about the application, our products in general or any other concerns, simply visit our website at

www.acs3000.com

And get in touch with our experts now.

