

Skipper's Line Marine Coatings

EPOFOND AM-9

TWO-COMPONENT EPOXY COATING

1. DESCRIPTION: Satin epoxy paint for steel, aluminium, light alloys, fibreglass, cement and wood surfaces. Recommended as a primer or undercoat in the marine industry but also widely applied on floors, tanks and industrial plants containing or in contact with oils, naphtha, kerosene and soda solutions as well as for the internal coating of potable water, performing a non toxic resistant film. Used as a primer can be overcoated with chlorinated, acrylic or polyurethane coatings, providing strong adhesion base and long effective anticorrosive barrier. Certified by the Italian Health Authority for contact with drinking water.

2. TECHNICAL CHARACTERISTICS

Chemical binder: Epoxy (A) Ammine additive (B)
Appearance: Liquid
Colour: White, Red, Grey (A) Colourless (B)
Specific Weight Kg/Lt: 1.400 (A) 0.970 (B) ± 0.05
Solids content% (Weight): 62±2
Solids content % (Volume):
Viscosity at 20°C (Ford Cup ø 4): 120-150"
Shelf Life+10+30°C: 12 months indoor, in original sealed cans
Packaging size A+B: Lt 3 – Lt 0,750 - Kg 27 -
Flash Point: Between -18 and +21°C
Transport A+B: Highly Flammable ADR 3 – IMDG 3.2 – UN 1263
Product Code: 5G/Grey, 5GA/Red 5GB/White (A) 8ZAM9 (B)

3. APPLICATION DATA

Mixing ratio A+B %: 9 parts (A) with 1 (B) by volume (100:8 by wt.)
Pot life A+B %: Use mixture within 6-8 hours (at 20°C)
Application Method: Brush-Roller-Spray
Thinning %:
-**Brush, Roller:** 10-15% THINNER 765
-**Spray:** 15-25% THINNER 765
Drying times at 20°C:
-**Dust dry:**
-**Touch dry:** 2 hours (at 20°C)
Recoat time (at 20°C): 12-24 hours (at 20°C)
Application Temperature: Between +10°C and +40°C
Relevant humidity: Lower than 80%
Recommended thickness: 50 dry microns per coat
Theoretical Coverage: 8-9 m² per Litre or 5-6 m²/Kg per coat

4. SURFACE PREPARATION AND APPLICATION

STEEL. Sandblasted according to SA 2,5 is recommended. If sandblasting is not possible, the substrate should be cleaned perfectly, degreased, free from traces of corrosion and mechanically sanded. In case of pre-existing epoxy or polyurethane undercoats in sound condition overcoat with 1 coat of EPOFOND AM-9 followed by 1-2 coats of POLIFOND Primer allowing the required waiting time between coats. Overcoat then with the desired topcoat.

NEW GALVANIZED STEEL. The surface should be clean, dry and well degreased. Apply 1 coat of EPOFOND AM-9 as suggested.

PREVIOUSLY PAINTED GALVANIZED STEEL. Remove any trace of corrosion by sanding. The surface should be clean, dry and well degreased. Apply 1 coat of EPOFOND AM-9 as suggested

FIBREGLASS. The surface should be dry, degreased with suitable detergent material, rinsed and slightly sanded with fine abrasive paper.
Apply 1 coat of EPOFOND AM-9 as suggested

CEMENT. The surface should be clean, dry, and well seasoned free from losing particles. Apply 1 coat of EPOFOND AM-9 as suggested

See the indicative coating systems information for Wood, Steel, Aluminium and Fibreglass boats available on request.

5. SAFETY PRECAUTIONS

Before starting the application please read carefully all the safety precautions stated on the label of each can. A Safety Data Sheet of the product is also available on request. For further information please contact our Technical Department (Telephone++39-035-513373 Fax++39-035-513211 email: aemmecolori@tiscalinet.it).

6. NOTE

The information is given to the best of our knowledge but since the conditions of use of our products are beyond our control, no warranty is given or to be implied in respect of such information. We are, at all times, willing to study customer's specific requirements involving our products in order to enable their most effective use. Dilution rates and drying times are to be considered only indicative, based on a temperature of 20°C (68°F), and may be subject to changes according to prevailing temperature, in presence of particular weather conditions or due to application procedures that may be effective at time of application.