

Specialist for new Technology



We produce tomorrows Technology, not todays

R0-015 / Macro Antifouling

Long-Life



General Characteristics: Acrylic resin base, comprising high copper oxide and contains extra new generation biocides. Macro Antifouling is strengthened with various new generation nano technological resin systems. Contains copper oxide in much higher rate in proportion to its competitors.

- Recommended for mega yachts and ships.
- It is effective against all kinds of shell sea organisms, mussels and mosses forming on the parts of GRP, metal and wooden boats..
- Demonstrates high performance in less used yachts from cold water in northern seas to hot waters of the Mediterranean, to Indian and Pacific Oceans in many seas.
- Tin-free as it is environmental friendly.
- Recommended for boats up to 35 knots.

Application: Recommended use; 1 thick coat in seasonal usage and 3 coats for a couple of seasons (150 microne for each coat) after Silver Primer.

Drying Period (20°C): 8-12 hours.

Storage Life: 2 years in room temperature.



AQUA

RO-065 / Macro Antifouling

Water-Based

General Characteristics: Water-based resin and it contains copper oxide with increasing adhesion power with various silanes and in much higher rate in proportion to its competitors.

- Recommended for mega yachts and great tonnage ships.
- It prevents mosses and crustaceans in the most polluted, flowing waters to live in GRP, metal and wooden boats.
- Demonstrates high performance in less used yachts.

It delivers an outstanding performance from cold water in northern seas to hot waters of the Mediterranean, to Indian and Pacific Oceans in many seas.

- Tin-free as it is environmental friendly.
- It is odourless.
- Protects against many marine species and is strengthened by nano technological biocidal products.
- Recommended for boats up to 35 knot.

Application: Recommended use; 2 thick coats in seasonal usage and 3 coats for a couple of seasons (150 microne for each lcoat).

Drying Period (20°C): 8-24 hours. **Storage Life:** 2 years in room temperature.

RO- 024 / COPPER Plus Antifouling

General Characteristics : Synthetic acrylic resin based and contains higher rate of copper oxide with increasing adhesion power with various resins.

- Recomend for Seasonal boats. It has hard structure.
- Prevents mosses and crustaceans to live in GRP, metal and wooden boats. • Tin-free as it is environmental friendly.
- It is recommended for boats up to 35 knots.

Application: Recommended after Silver Primer , for seasonal usage 1 or 2 coats (150 micrones for each coat).

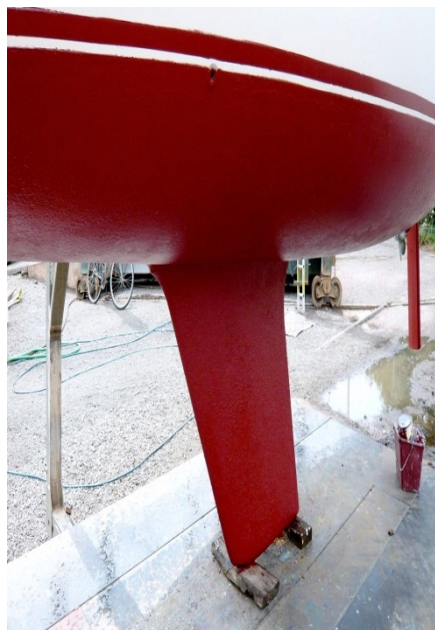
Drying Period (20°C): 8-12 hours.

Storage Life: 2 years in room temperature.



RO-017 / SPC Antifouling

Long-Life



General Characteristics: Acrylic resin based, comprising high copper oxide and contains extra new generation biocides. SPC Antifouling is strengthened with various new generation nano technological resin system. Contains high level copper oxide.

- Recommended for mega yachts and ships.
- It is effective against all kinds of shell sea organisms, mussels and mosses forming on the parts of polyester, metal and wooden boats.
- Demonstrates high performance in less used yachts from cold water in northern seas to hot waters of the Mediterranean, to Indian and Pacific Oceans in many seas.
- Tin-free as it is environmental friendly.
- Recommended for boats up to 35 knots.

Application: Recommended use; 1 thick coat in seasonal usage and 3 coats for a couple of seasons (150 microne for each layer) after Silver Primer.

Drying Period (20°C): 8-12 hours.

Storage Life: 2 years in room temperature.



RO- 020 / Aventura Antifouling

General Characteristics : Economic Antifouling with acrylic resin base.

- * Environment friendly (Tin-Free).
- * Mainly recommends use for fishermen's and boats for 3-6 months.
- * Effective against all kinds of shell sea organisms, mussels and mosses forming on the parts of polyester, sheet iron and wooden boats.
- * Adheres very well to wooden, Grp and metal boats after silver primer.
- * Hull speeds up to 20 knots.

Application: Recommended after Silver Primer , for seasonal usage 1 or 2 coats (150 micrones for each coat).

Drying Period (20°C): 8-12 hours.

Storage Life: 2 years in room temperature.



RO- 050 / Speed Antifouling



General Characteristics: Robyn's Ocean RP-050 is a special type of hard synthetic matrix resin based, and is reinforced by various new generation resins.

- Produced for speed boats (35 - 50 knots), it is an environmental long lasting antifouling, friendly final layer paint.
- Tin-free as it is environmental friendly.
- Protects against many marine species and is strengthened by nano technological biocidal products.

Application: Recommended use; 120 microne film 1 coat and 3 coats for seasonal usage after Silver Primer . It should be applied at least 2 coats by providing 120 microne film thickness for each coat. Increase coat number for longer usages.

Drying Period (20°C): 8-12 hours.

Storage Life: 2 years in room temperature.



General Characteristics: It has hard resin combination developed with a special formulation. Dissolution occurs with matrix synthetic resin system.

- Does not contain copper oxide. It is developed for preventing heavy metal pollution in internal waters of Europe.
- Used in Nile River and Victoria Lake in Africa.
- Elastic structure. It is used in the inner and outer parts of underwater sections of GRP, wooden and metal boats.
- It works against many marine species and it is strengthened by nano technological biocidal products.
- Recommended for boats up to 35 knots.

Application: Recommended use; after applying Aqua Primer, 2-3 coats (150 microns for each coat) of RP-070 should be applied.

Drying Period (20°C): 8-12 hours. **Storage Life:** 2 years in room temperature.

RO- 011 / Silver Primer

Solvent-Based Primer

General Characteristics: Synthetic Acrylic resin based, primer paint strengthened with epoxy resins.

- It provides a basis for antifouling paints to apply on.
- Elastic structure.
- Used in the inner and outer parts of underwater parts of GRP, wooden and sheet metal boats.
- Effective against rust in sheet metal boats.

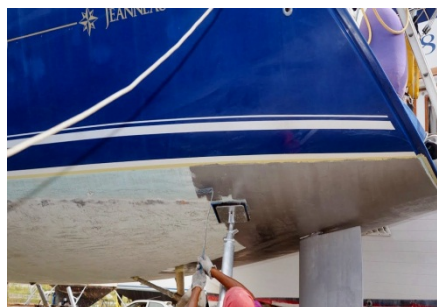
Application: Applied as a thin coat not to exceed 30 microne thickness.

Recommended at least 2 coats on new boats.

Sufficient for 1 coat in the boats painted every season.

Drying Period (20°C): 4-12 hours.

Storage Life: 2 years in room temperature.



RO- 061 / Aqua Primer

Water-Based Primer

General Characteristics: : It is based on water-based resin. It is a primer with increasing adhesion strength with various silanes.

- Provides a basis for water-based antifouling paints
- Elastic structure.
- Used in inner and outer parts of underwater parts of GRP, wooden and metal boats.
- Applied against rust after primer in sheet metal boats.

Application: Applied in 1 coat not to exceed 30 microne thickness.

Recommended to use at least 2 coats on new boats.

Sufficient for 1 coat in the boats painted every season.

Drying Period (20°C): 6-15 hours.

Storage Life: 2 years in room temperature.



Antifouling Colors



Royal Red



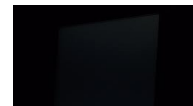
Ocean Blue



Egg Shell White



Royal Blue



Black

RO- 960 / Polyurethane Top Coat / 2k

General Characteristics : Polyurethane Top Coat is a two component polyurethane finish with an excellent resistance to the industrial and marine environment.

- Extra UV resistant. Low solar absorption
- Superior gloss and colour retention.
- Highly resistant to a lot of chemicals, oil, sea water and corrosion.
- Marine topside, deck and superstructure.
- Offshore environments, refineries, power plants, bridges and buildings.
- Suitable for a wide range of industrial structures.
- Floors and Wood surfaces

Application: The surface must be cleaned from dust, oil, dirt and corrosion which will decrease adherence.

The Polyurethane Top coat can be applied to suitable Epoxy Primers, and Polyurethane Undercoats.

Main material is mixed with hardener by 4:1 ratio (weight).

It should be applied minimum 2 layers with intervals of 24 hours between layers.

Do not mix more paint than can be used in 1 hour. If necessary thin with Pu-50 Thinner.

When applied by brush or roller, apply in smooth and gentle strokes.

Apply crosswise to ensure an even distribution of the paint.

Relative humidity should be less than 90 %RH

Consumption: 0,200 L/m² for each layer. (Approximate thickness of 60 Microns of dry film).

Drying Time (20°C) : Pot life is 4 hours. Recoat time: 12 hours, Fully cured 5 days.



RO-117 / Epoxy Universal Undercoat / 2k

General Characteristics : Two component undercoat paint with Epoxy solvent based resin.

Recommended for undercoat for Epoxy Filler, and undercoat before top coat.

Good sanding paper.

Produce only Grey color , matt looking

Resistant to a lot of chemicals and corrosion.

Main material is mixed with hardener by 4:1 ratio (weight). Pot life is 1 hour at 20°C

Consumption : 0,250 kg/m² for each layer. (Approximate thickness of 80 Microns of dry fil

RO-250 / Polyurethane Undercoat / 2k

General Characteristics : Polyurethane undercoat is mainly used as an undercoat for finishing coats.

- Can be easily sanded to a sound and smooth base coat for
- Polyurethane Top Coats and other finishes.
- Suitable for Top Coats.
- Highly resistant oil and sea water.
- Marine topside, deck and superstructure.
- Offshore environments, refineries, power plants, bridges and buildings.
- Suitable for a wide range of industrial structures.
- Wood surfaces

Application: The surface must be cleaned from dust, oil, dirt and corrosion which will decrease adherence. The Polyurethane Undercoat can be applied to suitable Epoxy Primers, Main material is mixed with hardener by 4:1 ratio (weight). It should be applied minimum 2 layers with intervals of 24 hours between layers.

Do not mix more paint than can be used in 1 hour.

If necessary thin with Pu-50 Thinner.

When applied by brush or roller, apply in smooth and gentle strokes.

Apply crosswise to ensure an even distribution of the paint.

Relative humidity should be less than 90 %RH

Consumption : 0,200 L/m² for each layer. (Approximate thickness of 60 Microns of dry film).

Drying Time (20°C) : Pot life is 2 hours. Recoat time: 8 hours, Fully cured 5 day.



RO-520 / Epoxy Classic Filler



General Characteristics: Epoxy resin based, solvent free filler. It is a two component, general purpose filler which is used in all kinds of sea vehicle (Wood, Steel, Polyesters) works.

- Easily sandpapered
- Applied to the underwater and water level parts of the boat
- Can be applied in one coat thickness of 1-2 cm
- Used in solving of osmosis problems in GRP boats
- It forms a solid surface to apply Undercoat, Antifouling and Final Layer paints.
- Density is $d=1,60 \pm 2 \text{ gr/cm}^3$

Application : The components A (Filler) and B (Hardener) are mixed volumetrically in 1/1 ratio, until the color turns out to be grey. It is applied through a steel trowel. Should not be applied in places where temperature is less than +10 degrees and humidity is over 70%.

Drying Time (20°C) : Pot life is 1.5 hours. Minimum drying time is 8-12 hours before sandpapering, second layer application is after 12-24 hours, full drying time is 24 hours. Chemical drying takes 7 days.

Flaming Point : 200 ° C **Storage Life :** 2 years at room temperature.

Mixing Color : Grey

RO-530 / Epoxy Light Filler

General Characteristics: Epoxy resin based, solvent free tixotropic light filler. It is a two component, general purpose which is used in all kinds of sea vehicles (Wood, Steel, Polyesters) works.

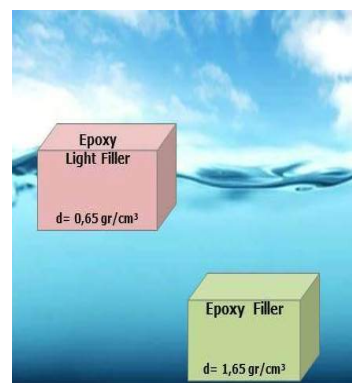
- Does not add weight on the boat. Density less than water ($d=0.65 \pm 2 \text{ gr/cm}^3$)
- Easily sandpapered.
- Applied to the underwater and water level parts of the boat.
- Can be applied in one coat thickness of 1-2 cm.
- Used in solving of osmosis problems in GRP boats.
- It forms a solid surface to apply Undercoat, Antifouling and Final Layer paints.
- Does not shrink or draw after drying. It may be applied 1-2 cm at one coat.

Application : Remove dust, oil and dirt from the surface. Apply at least 1 coat Epoxy Primer.

The components A (Filler) and B (Hardener) are mixed volumetrically in 1/1 ratio, until the color turns out to be red. It is applied through a steel trowel. May not be applied in places where temperature is less than +10 degrees and humidity is over 70%. Thinner is used for cleaning.

Drying Time (20°C) : Pot life is 1 hour under 20 °C. Minimum drying period before sanding is 24 hours. Second layer application requires 12-24 hours and full drying requires 24 hours. Chemical resistance comes after 7 days.

Flaming Point : 200 ° C **Shelf Life :** 2 years at room temperature. **Mixing Color :** Red



RO-533 / Epoxy Finishing Filler

General Characteristics: Epoxy resin based, solvent free, very light, resistant to aqueous and chemical environments.

- Smooth finishing before top coat paint.
- Thus not added weight on the boat. Density less than water ($d=0.80 \pm 2 \text{ gr/cm}^3$).
- Easily sandpapered.
- Applied to the underwater and water level parts of the boat.

Application : Remove dust, oil and dirt from the surface and apply at least 1 coat Epoxy Primer.

The components A (Filler) and B (Hardener) are mixed volumetrically in 1/1 ratio, until the color turns out to be red. It is applied through a steel trowel. May not be applied in places where temperature is less than +10 degrees and humidity is over 70%. Thinner is used for cleaning thinner.

Drying Time (20°C) : Pot life is 1 hour under 20 °C. Minimum drying period before sanding is 24 hours. Second layer application requires 12-24 hours and full drying requires 24 hours. Chemical resistance comes after 7 days.

Flaming Point : 200 ° C **Shelf Life :** 2 years at room temperature. **Mixing Color :** Yellow

Other Products

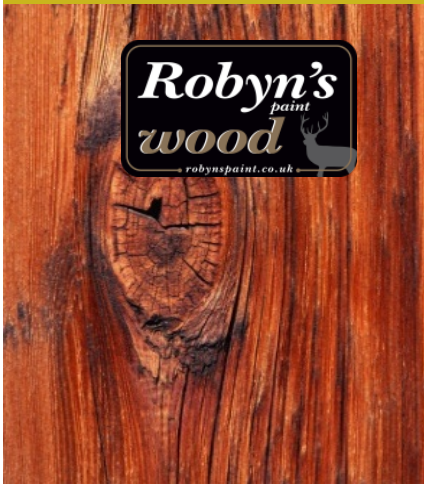
Heat Insulation Coatings



Insulation & Special Paints



Wood Primers & Paints



Marine Paints Antifouling

