

Application Datasheet

SCUDOMARINE 402PP PROPELLER-TOP ANTIFOULING SERIES 8

DESCRIPTION

Scudomarine™ 402PP. Is self-polishing acrylic hard coat for marine foul release especially designated for power boat propellers and all metal underwater heavy duty assets.

FEATURES

- Abrasion
- Chemical Resistant
- Anti-corrosion
- Expected functional life of the coating is 3-4years

TYPICAL USE

Recommended for marine motor and propellers

Key Characteristics

SCUDOMARINE™ 402 PP PROPELLER TOP is a self-polishing acrylic copolymer (SPC) 2K Anti fouling topcoat, especially designed for for propeller for power boats in both cold and temperate waters with short idle periods.

PROPELLER TOP is a highly effective foul-release long-lasting top coating to prevent marine growth and metal assets from corrosion. It features an exceptionally strong chemical and mechanical bond with the metal substrate ensuring a super hard slick surface that marine growth cannot adhere to.

The heavy duty protection is meant for propellers, rudders, shafts, struts, trim labs, pod drives, thrusters, foils and sail drives.

Moving surfaces are entirely self cleaning from 20 knots upward. and the coating may last over 10.000 hours of motor time at high rpm's without the need of re-coating

If applied correctly it ensures that power boats can run at peek speed and & maintain performance (30% FEUL SAVINGS) for at least 3 to 4 years without need to dry dock for maintenance

This self-cleaning anti-corrosion properties also eliminates the need for periodic maintenance that can be scheduled over longer periods of time.

Product Information

SCUDOMARINE™ 402PP PROPELLER-TOP is an environmentally safe long life foul-release coating which prevents the attachment of marine growth by low critical surface tension. It does not contain copper or tin compounds TBT or any other toxic substances which might cause environmental pollution.

- High abrasion & chemical resistance
- Anti-Corrosion protection to saltwater and salt spray.
- UV Resistant
- Omni-phobic; hydrophobic
- Self Polishing / Cleaning

Physical Features at supply

Binder type ^[1]	Acrylic - 2K Product
Appearance	Glossy- medium viscosity liquid
Colour	Light bronze
Odour:	fruttato(N-butyl acetate)
Supply Vx	23 ± 3" CF/16 at 20°C
Flash point	23 °C ≤ Fp ≤ 55 °C
Specific Density	0,950 ±0,030 Kg/l at 20°C

[1] Scudoantifouling™ 402PP does not contain following substances Copper Oxide (n.CAS 1317-39-1); Copper Pyrithone (n. CAS 14915-37-8); Tributyltin (TBT) compounds

Dry Product Features

Dry film thickness	50-80 µm
Finish	Gloss 95%
UV Resistance	< 3% degradation over a 10-year period
Hardness	F-H total harding after 24-36 in open air room temp Shore D hardnes >80
Coverage	115gr of catalyzed product cover 1 sq.m. (thickness 70µm DFT)



ChromaMe Nano Tech Srls
Distributed by Cyndux Integrated FZC
United Arab Emirates, Dubai
+971 54 246 2694
www.chromame.ae



Application Data Sheet

SERVICES

Technical Support

Is available on line 24/7
Tel: +39-3311699006
Email: support@chromame.it

Application Support

Live demo at
ChromaMe Italy
ChromaMe Dubai
Make an appointment
Italy: +39-3311699006
Dubai: +971 55820 7649
Email: support@chromame.it

Commercial Inquiries

- Training
- Installation and setup
- On line support
Get in touch Whatsup
Italy: +39 3311699006
Dubai +971 55820 7649
Qatar: +971 509594511

Email: info@chromame.it

For more information on any of our products or services please visit us on the Web at:

www.chromame.it



ChromaMe Nano Tech Srls
Distributed by Cyndux Integrated FZC
United Arab Emirates, Dubai
+971 54 246 2694
www.chromame.ae

Instructions for use

SURFACE PREPARATION	<ul style="list-style-type: none"> - Remove any contamination that could interfere with the top coating adhesion such as existing old self-polishing or abrasive antifouling. - Remove possible oil and grease etc. by high-pressure fresh water cleaning for thorough removal of any possible weak structure of leached antifouling. - Uniformly abrade the preexisting surface coating with medium /course grit 400-600) Should the abrasion clear the surface up to the the original metal surface this is not a problem - Remove dust and residues and allow the surface to dry very well before coating. - At later redocking direct overcoating IS NOT possible and the surface must be prepared as described here - IMPORTANT: Clean surface with pickling agent Methyl Ethyl Ketone (MEK) or SCUDOPICKLING 100AB. - ATTENTION: Apply SCUDOANTIFOULING 402 PP directly on the original OEM coating, if existing, or directly on metal surfaces. NO PRIMER coat is required 		
CATALYSER (component A+B)	PROPELLER TOP is a two component coating mixed SCUDOANTIFOULING 402PP (100%) + SCUDOCATALYST 9PP (40%) Shake well before use.		
APPLICATION METHODS	Application by BRUSH is recommended For very large surfaces the product can be applied also HVLP Airless spray gun - only PROFESSIONAL USE -	2 coating hands required Nozzle tip 1,3 -1,7 mm Pressure at nozzle (minimum) 3,0 bar /43,51 psi	
DRYING TIME	Minimal time for complete curing before launching -immersion in water Relative humidity recommended for application	24 hours below 85 %	
COVEREGE	SMALL KIT 100 gr. covers MEDIUM KIT 500 gr. covers LARGE KIT 500 gr. covers	115 gr. of 2k product covers 1 sqm 350 gr. of 2k product covers 3 sqm 700 gr. of 2k product covers 6 sqm	
APPLICATION TIPS	Application temperature range Flash Time (Flash-off time is the necessary waiting time taken to recoat or spray once a first coat is applied) Pot life after Propeller Top 402PP has been mixed together with Scudo Catalyser 9PP As dictated by normal good painting practice always provide adequate ventilation during application and drying in confined spaces Always wear paper paint suits ; disposable gloves ; Eye Protection dust sanding mask	between 0°C -50°C 10-20 min @ 27°C maximum 90 minutes Consult MSDS before applying	
STORAGE INSTRUCTIONS	Packaging Shelf life Product stability	Inner package jerry cans outer package fiberboard boxes Recommended storage temperature SCUDOANTIFOULING 402PP SCUDOCATALYST 9PP	100 ml; 250 ml; 500 ml between 3°C -60° C 3 years in original packaging UNOPENED 5 years in original packaging UNOPENED < 15 days if left OPENED to exposed to air



Scan for TDS
Technical
Datasheets



Scan for MSDS
Material Safety
Datasheets



Scan for APPLICATION
TUTORIAL VIDEO

CAUTION This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to ChromaMe technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product.

HEALTH AND SAFETY Please observe the precautionary notices displayed on the container and on MSDS Material Safety Data Sheets for each product. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought.

WARRANTY & LIABILITY LIMITATIONS Information contained herein is accurate to the best of our knowledge. The coating properties and cured coating properties listed herein represent typical values for 402PP and are not meant as specifications. ChromaMe Srls insists that users conduct their own tests for applicability and fitness for any purpose. Statements concerning use of products or formulations described herein shall not be construed as a warranty or license to infringe any patent or trademark, and no liability for infringement arising out of such use is assumed. Please refer to ChromaMe Standard Terms and Conditions or to your Purchase Agreement with ChromaMe for the warranty coverage of ChromaMe's product.