



Application Datasheet

SCUDOMARINE 602FX FLEX-TOP ANTI-FOULING SERIES 8

Anticorrosive Transparent coating for flexible surfaces - PVC

DESCRIPTION

ScudoMarine™ 602FX. is a superhydrophobic anti-corrosion protective top coating designed for semi rigid and flexible surfaces and fabrics

FEATURES

- Abrasion & Chemical Resistant
- Antifouling -Self-Cleaning.
- Highly flexible.
- Hydrophobic
- Premium Weather-ability
- Expected functional life of the coating is 4-5 years

TYPICAL USE

Industrial:

Flexible coating for PVC such as bouncy castles and truck liner curtains, sails Inflatable PVC boats, hatch covers, fenders, boat /truck covers, spray dodgers, dingies, underwater pipe lines

Gives long-lasting colored protective coatings to trucks RVs , trailers , campers, patios, porches fountains, ponds and pool areas

Ensures permanent identification and safety coloring on industrial equipment, tanks, pipes.

Key Characteristics

Scudomarine™ 602FX is a 2K hydrophobic anti-corrosion -antifouling protective flexible top coat layer designed for PVC semi rigid and flexible surfaces such as foam, thermoplastic and fabric dingys inflatables It is highly resistant to marine and desert environments as proven by tests conducted on offshore above-water & underwater installations. The special formulation is ideal for the renovation of inflatable boats made from PVC and any other PVC variant material. It adheres in a super strong flexible bond, becoming part of the surface withstanding weathering, abrasions and fouling retaining colors It has a very high stretch ratio that will not crack or flake off. It can be also used for coating sails having also high grade UV resistance

Product Information

- Flexibility: high elongation flexible paint especially formulated for PVC and a thermoplastic fabrics.
- UV- Stabilizers: Ensures long lifetime of the coating prolonged direct sunlight, temperature variations.
- Excellent Adhesion: Bonds by a chemical reaction that is permanently bonded with the substrate for a super tough and flexible finish
- Chemical Resistance : Resistant to oil, grease, petrol battery acids , seawater ,aggressive solvents
- Temperature resistance: -40°C - 150 °C
- Omni-phobic; hydrophobic
- Anti abration: Resists denting and scratching even in very high-wear areas

Physical Features at supply

| | |
|----------------------|---------------------------------|
| Binder type | Acrylic - 2K Product |
| Apperance | Glossy- medium viscosity liquid |
| Colour [2] | Transparent |
| Supply Vx | 23 ± 3" CF/4 at 20°C |
| Flash point | 25°C |
| Specific Density | 0,990 ±0,030 Kg/l at 20°C |
| VOC Content | 455g/l |
| Solids by volume [1] | 70± 1% |

Dry Product Features

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|------------------------|---|
| Dry film thickness | 70-100 µm |
| Finish | Gloss 99% |
| Resistance to abrasion | 4mg/cycle Taber Wear Index (ASTM D4060) |
| Tintable | Can be custom tinted in any RAL paint color with CME PIGMENTS |
| Coverage [1] | 5-6 sq.m./litre coat for thickness 70µm DFT |

SPECIAL NOTES :

[1] Scudomarine 602FX Flextop always requires thorough surface pickling & cleaning with ScudoPickling 100AB

SCUDOMARINE™ 402FX FLEX-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.



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Application Data Sheet

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Instruction for use

| | | | | | |
|---------------------------------|---|---|-------|-------|-------|
| SURFACE PREPARATION | Remove any contamination that could interfere with the top coating adhesion. Prior to applying Scudomarine 602FX Flextop it is <u>advisable</u> to thoroughly clean the plastic surface with the special solvent SCUDOPICKLING 100AB . It can be applied directly to a well prepared surface that has been sanded to a perfectly flat, fine uniform finish and perfectly clean and dry. | | | | |
| CATALYSER (Hardner) | SCUDOMARINE 602MT IS A 2K PRODUCT Mix Catalysed ratio 5:2 SCUDOMARINE 602FX (100%)+ SCUDOCATALYST 8SC (40%) Shake well before use. | | | | |
| APPLICATION METHODS | Brush; Roller HVLP Airless spray gun - only PROFESSIONAL USE. Respect a 5- 10 minutes interval between each coat. Nozzle tip 1,3 -1,5 mm Pressure at nozzle (minimum) 300 bar /4351 psi | | | | |
| OPERATING ENVIRONMENT | 602MT should be applied in a clean temperature and humidity controlled environment. Recommended conditions for application are 20 – 25°C (68 - 77°F) and 30 – 60% relative humidity. | | | | |
| Coverage | 5 to6 sqm per 1l tin of SCUDOMARINE 602FX One Tin will cover up to 5 sqm in one coat. For best results apply two coats which gives an average coverage of 2 to 3 sqm depending on surface condition and application. | | | | |
| DRYING & CURING TIME | Surface (touch) dry: The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness. | 5° C | 10° C | 23° C | 40° C |
| | | 24h | 24h | 12h | 6h |
| | Dried /cured in drying oven at 60° Drying and curing times are determined under controlled temperatures and relative humidity below 85 %, and at average of the DFT range for the product. Pot life after catalyzer mixing is max 2 hours Temperature limit during application: MIN 10°C - MAX 40°C. Allow product to cure thoroughly before applying the next layer. Product must be perfectly dry before exposure to fog, rain or frost. | 1h | | | |
| STORAGE INSTRUCTIONS | Packaging | Tin cans 1kg : 5kg : 20 kg | | | |
| | Shelf life | Storage temperature min 3°C max 40°C - keep away from direct sunlight | | | |
| | Product Stability | SCUDOMARINE 602FX 5 years in original package SCUDOCATALYST 52MT 3 years in original package | | | |
| | Safety Instructions | Read MSDS Material safety data sheet carefully before using products | | | |



Scan for **TDS**
Technical Datasheets



Scan for **MSDS** Material
Safety Datasheets

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 AF201 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.