sHAWKocon™ AP
Technical Data Sheet

Revision date:
Nov. 2022

Fast Drying Vinyl Anticorrosive Underwater Primer

- Recoatable with itself for long periods
- Quick drying even in poor drying conditions
- Can be applied by brush, roller or spray

Anticorrosive Primer
SH985

PRODUCT DESCRIPTION

A fast drying single pack aluminium pigmented vinyl anticorrosive primer. For application to Timber, GRP, Steel, Aluminium, Cast Iron Keels and Lead Keels, below the waterline prior to application of antifouling paint. Can be used under all Sea Hawk antifoulings or as a barrier/sealer coat over incompatible or unknown antifoulings.

PRODUCT INFORMATION

Color: Gray

Finish/Sheen: Matte

Specific Gravity: 1.1

Volume Solids: 33%

VOC (as supplied): 584 grams/liter

Unit Size: 1 lt, 4 lt

Recommended DFT Per Coat: 40 microns dry

Recommended WFT Per Coat: 121 microns wet

APPLICATION CONTROLS

Method: Brush or roller

Dry Times and Overcoating Intervals:

Substrate Temp.	Touch Dry	Recoating With sHAWKocon AP		Overcoating With Bottom Paint	
Temp C˚ (F˚)	Min	Min	Max	Min	Max
5˚C (41˚F)	1.5 hrs	3 hrs	n/a	6 hrs	1 mths
15˚C (59˚F)	1 hr	3 hrs	n/a	3 hrs	1 mths
25˚C (77˚F)	1 hr	3 hrs	n/a	3 hrs	1 mths
35˚C (95˚F)	1hr	3 hrs	n/a	3 hrs	1 mths

SURFACE PREPARATION

BARE GRP: Sand using 180-220 grade (grit) paper.

STEEL: Thoroughly degrease with a suitable thinner/cleaner using the 2 cloth method prior to carrying out any mechanical cleaning. Blast damaged or corroded areas to near white metal surface as per AS1627.4 Class 2.5. If blasting is not possible, grind with 24-36 grade (grit) discs to a uniform, clean, bright metal surface with a 50-75 microns anchor pattern. Use angle grinder on small areas.

ALUMINIUM: Thoroughly degrease with a suitable thinner/cleaner using

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the 2 cloth method prior to carrying out any mechanical cleaning. Low pressure grit blast using aluminium oxide or a copperfree equivalent. If blasting is not possible, power disc with 24-36 grade discs to a surface profile of 50-75 micron/ 23 mils. (NB Power wire brushing is not permitted as it is ineffective and wires are often steel, leading to corrosion). Preprime with sHAWKocon AP thinned 10-15% with 2033. After being degreased, the aluminium surface may be sanded, on small areas, with aluminium oxide papers to present a water break surface and, after drying, preprimed with Etch Primer.

STAINLESS STEEL: Thoroughly degrease with a suitable thinner/cleaner using the 2 cloth method prior to carrying out any mechanical cleaning. Grit blast to produce a profile of 50 microns.

EPOXY PRIMERS: Reprime with suitable epoxy primer or Sweep blast or abrade with 280 grade paper.

EPOXY FILLERS: Sand with 60-120 grade (grit) paper. Do not wipe down any epoxy fillers with solvent.

ZINC/GALVANISED STEEL: On new surfaces/those free from oxidation byproducts, thoroughly degrease with suitable thinners using the two cloth method. Oxidized surfaces will require mechanical abrasion to clean thoroughly.

LEAD: Thoroughly degrease with a suitable thinner/ cleaner using the 2 cloth method. Rub down with an emery cloth or power wire brush.

BARE WOOD: Sand with 80-280 grade paper. Remove oil from oily woods eg teak, using 2033. Change rags frequently. Preprime with sHAWKocon AP thinned 10-15% with 2033 (15-20% oily woods).

PREVIOUSLY ANTIFOULED SURFACE: In Good Condition Remove all loose material, fouling deposits and any leached layer. Rinse with fresh water and allow to dry. In Poor Condition Remove back to sound primers using either suitable chemical strippers or mechanical methods.

Caution: NEVER dry sand antifoulings.

METHOD

Remove blast/grinding/sanding residues with a clean air line & sweep with a clean brush, or vacuum clean for best results. On blasted and rough ground surfaces do not try and wipe with rags and thinners as the rags will catch and leave particles of cloth behind. Apply required number of coats, detailed in the specification sheets, by method chosen or stipulated, allowing required overcoating interval between applications. Thin first coat applications as detailed above.

HINTS

Thinner: 2033 Reducer

Cleaner: 2033 Reducer

Ventilation and Humidity Control: Ensure adequate ventilation during use.

SOME IMPORTANT POINTS

Do not use above the waterline. Product temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Ambient temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Substrate temperature should be minimum 5°C/41°F and maximum 35°C/95°F.

COMPATIBILITY/SUBSTRATES

Suitable for Timber, Steel, GRP, Aluminium, Cast Iron Keels and Lead Keels. Suitable for use under all International antifoulings. For use below the waterline only.

NUMBER OF COATS

4-5 (or 1 when used as tie coat over existing antifouling).

COVERAGE

(Theoretical) 8 m²/L per coat

(Practical) 7.4 m²/L per coat

STORAGE

TRANSPORTATION: sHAWKocon AP should be kept in securely closed containers during transport and storage.

STORAGE: Exposure to air and extremes of temperature should be avoided. For the full shelf life of sHAWKocon AP to be realized ensure that between use the container is firmly closed and the temperature is between 5°C/41°F and 35°C/95°F. Keep out of direct sunlight.

SAFETY

DISPOSAL: Do not discard tins or pour paint into water

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courses, use the facilities provided. It is best to allow paints to harden before disposal.

GENERAL: Read the label safety section for Health and Safety Information, also available from our Technical Help Line. Always use gloves and goggles and keep skin protected with overalls. Users should ensure they have a copy of the Safety Data Sheet for this product and that they are familiar with all the safety directions before use.

IMPORTANT NOTES

The technical information and suggestions for use and application presented herein are not intended to be exhaustive, but they represent the best information available to use and are believed to be reliable. They should not, however, be construed as controlling suggestions and there is no warranty of performance of our materials either expressed or implied. We urge that users of our materials conduct confirmatory tests to determine final suitability for their specific end uses. Because this data sheet is subject to changes from time to time, it is the user's responsibility to check that this sheet is current prior to using the product.

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