

MARINE PAINTS

NAUTIX

TECHNICAL DATA SHEET

U2

Opacifying epoxy undercoat



SUBSTRATE

GRP | Aluminium | Wood | Polyester | Steel



DESCRIPTION

U2 is a two-component, opacifying epoxy undercoat to achieve a plain, clear white background prior to the application of a finish. It is an ideal base for the two-component topcoat L2 or one-component STARLAC. Its intense white color increases the gloss of topcoats.

MAIN FEATURES

COVERAGE	10m ² /L (roller/brush)
VOLUME RATIO	3 base 1 hardener
WEIGHT RATIO	85g base 15g hardener
DRY EXTRACT	49.6 (% volume) 71 (% weight)
FLASH POINT	23°C < FP < 55°C
UNIT SIZE	0.75L – 2.5L
TYPICAL SHELF LIFE	5 years
THINNER / CLEANER	Nautix DE
COLOR	White
FINISH	Satin

DRYING AND OVERCOATING

TEMPERATURE	10°C	15°C	20°C	30°C
Life pot	12h	8h	6h	3h
Overcoating *	8h-24h	6h-24h	5h-24h	3h-16h
Sandable	24h	20h	16h	8h
Immersion	48h mini	48h mini	48h mini	48h mini

h=hours min=minutes

**Minimum overcoating time recommended*

SURFACE PREPARATION

ON A NEW POLYESTER OR EPOXY HULL

- Degrease with Nautix SD.
- Polish the surface with P120 to promote adhesion.
- Make sure the substrate is dry and dust-free.

ON EXISTING PAINT

- Checking the substrate: to be covered, a paint must not come off the substrate or crumble. Scratch with a brush in various places to test the adhesion of the substrate.
- Thoroughly strip and degrease with Nautix SD.
- Polish with P120.
- Rinse with fresh water.

SPECIAL ADVICE

Respect overcoating windows. Overcoating too quickly locks the solvents in at the layer interface. If the window is exceeded, the surface is chemically too closed to allow adhesion.

COMPATIBILITY

Important :

A two-component (hard) epoxy primer cannot be applied over a single-component (soft) primer.

If you have any doubts about the compatibility or quality of the existing primer, remove the existing paint completely.



HINTS

- Application methods: brush, roller, spray or Airless
- Apply between 10 and 30°C (ideally indoors with humidity below 85%).
- Do not paint a surface if there is the slightest risk of condensation forming on the surface (dew point): The temperatures of the ambient air, the substrate and the product must be very close.
- Avoid application in adverse weather conditions: strong wind, direct sunlight, high/low temperatures, high humidity or rain. Allow the solvents to evaporate naturally and do not heat the ambient air after application. Do not use forced ventilation directly on the surface.
- Mix the base thoroughly before adding the hardener. Mix only as much as you need.
- Allow the mixture to stand for 10 minutes before application.
- Application: Apply 1 coat of primer. Recoat within the recommended time or roughen with P120 once dry. If the base is not an even colour, apply 2 coats. Recoat within the recommended time or remove with P120 once dry.

APPLICATION

ROLLER/BRUSH

- Cross strokes when applying.
- Dilute Nautix DE from 0 to 10% max.
- Use a flock roller or short-nap lacquer roller.

AIRMIX SPRAY

- Pressure 2.0 to 2.5 bar, nozzle 1.8 - 2.0 mm.
- Dilute with Nautix DE from 15 to 25%.

AIRLESS SPRAY

- 170 to 240 bar, nozzle 419 to 525.
- Dilute Nautix DE from 0 to 10% max.
- Double the drying time.

ROLLER INFO

Number of coats: 1 Adhesion | 3 Protection
Theoretical coverage per coat: 10m²/L
 Recommended WFT* per coat: 100µm
 Recommended final DFT**: 300µm

AIRMIX INFO

Number of coats: 1 Adhesion | 3 Protection
Theoretical coverage per coat: 12m²/L
 Recommended WFT* per coat: 120µm
 Recommended final DFT**: 300µm

AIRLESS INFO

Number of coats: 3 minimum
Theoretical coverage per coat: 5m²/L
 Recommended WFT* per coat: 200µm
 Recommended final DFT**: 300µm

*WFT : Wet Film Thickness / **DFT : Dry Film Thickness

INFORMATIONS

OPERATOR PROTECTION

- Paint for amateur and professional use.
- Before use, read this sheet, the label and the product information carefully.

TRANSPORT AND STORAGE

- The product must be transported and stored in hermetically sealed containers that are not permeable to solvents.
- Do not expose to the open air, sunlight or extreme temperatures. To keep the product in good condition, recap the can after use, turn the jars upside down and store between 10°C and 25°C. Do not expose to sunlight.

SAFETY

- Carefully read the safety advice given in the Health and Safety section, which is also available from Nautix and its retailers.

WASTE

- Empty cans and soiled waste must be disposed of in accordance with current municipal regulations on the treatment of hazardous products, for example by taking them to a waste collection centre or using dedicated bins. Do not dispose of waste in drains or waterways. Use the bins provided. It is advisable to allow paint residues to harden before disposing of them.

GENERAL

- The information given in this data sheet is not exhaustive. Anyone using this product for purposes other than those recommended, without prior written confirmation from us as to the feasibility of such use, does so at their own risk. Nautix cannot be held responsible. This information is subject to change without notice.