



# NAUTIX TECHNICAL DATA SHEET

## EPOXY UNDERCOAT U2

### *High performance epoxy undercoat*

### *For substrate protection and paint adhesion*

Nautix U2 is a high coverage two-pot white epoxy undercoat. Easy to apply, this product is the ideal base for L2 enamel. U2 can also be used as an epoxy primer for adhesion of paints or protection of GRP and metals.

The U2 high coverage capacity and white colour give a plain aspect to the substrate reinforcing the enamel colour. The U2 undercoat can be polished resulting a shining white paint.

#### PROTECTION

Work in a well ventilated area.  
Wear suitable protective clothing, gloves, glasses and eye/face protection.

#### PREPARATION

The surface must be free from grease (degreaser Nautix SD), sanded (paper grade 180), rinsed with fresh water, clean and dry. Avoid any condensation between support and paint coat; support, ambient air, and paint temperatures must be the same (Dew-Point).  
Mixing ratio in volume : 3 part base/ 1 part hardener. Two-pot product must be mixed just before use. Mix only the quantity to be used. U2 can be coloured with L3 up to 10%.

#### APPLICATION

Do not apply under 10°C and over 35°C.  
Shake and stir thoroughly before use.  
Application methods: brush, roller or spray gun (nozzle 1.8-2mm).  
Thinner - Cleaner: Nautix DP - Maximum dilution 10 % . Dilution only after base and hardener are mixed.

#### DRYING TIME

Temperature Air & substrate	10 °C	15 °C	20 °C	25 °C	30 °C
Pot life	12H	8H	6H	3H	2H
Hand dry	3H	2H	1H30	1H	30mn
Wet Wet Overcoating	6H to 12H	5H to 10H	3H to 6H	2H to 5H	1H to 3H
Sand after (P150)	24H	20H	12H	8H	6H
Dry	4 days	3 days	30H	24H	20H

#### TECHN. DATA

Two-pot primer, epoxy polyamides resin based. Solvents : naphta, MIBK, toluene.  
Colour : White Finish : gloss.  
Pack sizes : 0, 75L – 2.5L kits.  
Product weight Kg/l : 1,5 +/- 0,05. Volume solids: 52 % - C.O.V. : 471gr/L  
Coverage : 12 m<sup>2</sup>/l for 1 coat.  
Sell by date : 2 years  
Flash point base and curing agent : 23°C<->55°C

#### SAFETY INFO

Base R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R 43 May cause sensitisation by skin contact. R 36/38 Irritating to eyes and skin. R 20/21 Harmful by inhalation and in contact with skin. R 10 Flammable. Contains epoxy constituents. See information supplied by the manufacturer. S 2 Keep out of the reach of children. S 23 Do not breathe vapour S 29 Do not empty into drains. S 36/37 Wear suitable protective clothing and gloves. S 46 If swallowed, seek medical advice immediately and show this container or label. S 61 Avoid release to the environment. Refer to special instructions/Safety data sheets. S 13 Keep away from food, drink and animal feedingstuffs. S 25 Avoid contact with eyes. S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 39 Wear eye/face protection. S 51 Use only in well-ventilated areas. S 64 If swallowed, rinse mouth with water (only if the person is conscious). S 9 Keep container in a well-ventilated place. Hardener R 43 May cause sensitisation by skin contact. R 38 Irritating to skin. R 20/21 Harmful by inhalation and in contact with skin. R 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation. R 63 Possible risk of harm to the unborn child. Contains isocyanates. See information supplied by the manufacturer. S 2 Keep out of the reach of children. S 23 Do not breathe vapour S 36/37 Wear suitable protective clothing and gloves. S 46 If swallowed, seek medical advice immediately and show this container or label. S 13 Keep away from food, drink and animal feedingstuffs. S 25 Avoid contact with eyes. S 51 Use only in well-ventilated areas. S 64 If swallowed, rinse mouth with water (only if the person is conscious). out of the reach of children. S 36/37 Wear suitable protective clothing and gloves. S 46 If swallowed, seek medical advice immediately and show this container or label. Emergency phone number : +33 (0)1 45 42 59 59



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