

ACRALU

Adhesion primer for aluminium and metals



The printing process may render some of the colour samples imperfectly. We recommend testing the paint before committing to a colour.

PRODUCT DESCRIPTION

Nautix ACRALU is a 2-pack etch primer for the adhesion of coatings over aluminium, bronze, and galvanized surfaces. Once applied over substrates without oxidation and carefully prepared (sanded with P36-40 grade paper or cleaned with scouring acid, Nautix ACRALU will offer very good chemical adhesion to protective primers.

It's very important to overcoat ACRALU with protective primer asap.

PRODUCT INFORMATION

Finish	Matt
Mixing ratio (volume)	1 base / 1 hardener
Mixing ratio (weight)	1 base / 1 hardener
Coverage	15m ² /L per layer (roller/brush)
Flash point	23°C <FP<55°C
Unit size	0.5L - 2L
Typical shelf life	5 years
Thinner/Cleaner	Nautix DP
Colour	Yellow

Drying / Overcoating information

Temperature	10°C	15°C	20°C	30°C
Pot life	9h	8h	6h	3h
Touch dry	20min	15min	10min	5min
Overcoated by primer*	40min	30min	20min	10min

d=days h=hours min=minutes

*Maximum overcoating time recommended for 1 layer (50µm wet thickness) – Please refer to Application

TYPE OF SURFACES

- Aluminium
- Galvanized substrates
- Bronze

SURFACE PREPARATION

Over new metal substrate

- Remove all superficial oxidation by mechanical scouring with P40 to create adhesion. On difficult accessible areas, use SCOURING ACID before paint application, and rinse with fresh water asap.
- Ensure the substrate to be dried, degreased with Nautix SD, and free of dust before paint application.
- Apply one thin layer of Nautix ACRALU.

Maintenance

- Remove old paints to start new preparation from metal substrate.
- Remove all superficial oxidation by mechanical scouring with P40 to create adhesion. On difficult accessible areas, use SCOURING ACID before paint application, and rinse with fresh water asap.
- Ensure the substrate to be dried, degreased with Nautix SD, and free of dust before paint application.
- Apply one thin layer of Nautix ACRALU.

Technical recommendation

For metal substrate preparation, we recommend to use mechanical scouring by using special metal disk paper.

ACRALU should be applied as soon as possible after scouring preparation to avoid oxidation of substrate.

Apply one thin layer of ACRALU. Never use high-thickness application.

Recommended protective primers over ACRALU : PA, HPE, or EPOXYGARD.

SAFETY INFORMATION

- Work in well-ventilated area (ensure adequate ventilation during use), wear suitable protective clothing, gloves, glasses and eye/face protection. Unprotected person must be kept away from treatment area. Dispose of protective gloves and equipment after use.
- Read the label safety section for Health and Safety Information before application.

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HINTS

- Application methods : brush, roller.
- Apply between 10 and 30°C (ideally inside with hygrometry rate no greater than 85%).
- Do not apply when there is a chance of condensation forming on the substrate (Dew-Point) : substrate, ambient air and product temperatures must be close.
- Stir or shake individual components thoroughly. Add hardener to the Base, stir and leave for 10 minutes to allow bubbles to disperse.
- Mix only the necessary quantity.
- If filling is required, use appropriate filler after the first coat of protective primer (not immediately after ACRALU).
- Favour natural solvent evaporation and do not heat ambient air after beginning of application. Do not use ventilator or heater directed on the surface.

APPLICATION

Roller / brush

- Press firmly the brush/roller to impregnate the roughness of the surface.
- Avoid high-thickness application. Apply 1 thin and regular layer.
- once touch-dried, ACRALU should be overcoated asap with protective primer (PA, HPE, or EPOXYGARD) to get the best adhesion results.
- Do not use thinner.

Theoretical coverage : 15m²/L per layer.
Thickness film : around wet 50µm per layer.

TRANSPORT, STORAGE, AND SAFETY INFORMATION

Transport and storage

- This product should be kept in securely closed containers during transport and storage.
- Exposure to air, sun, and extreme temperatures should be avoided. For the full shelf-life of the paint, be sure that the container is firmly closed between use and the storage temperature is between 10° and 25°C. Keep out of direct sunlight.

Safety

- Before use, read the label safety section for Health and Safety Information. For further details, please contact Nautix or its distributors.
- All professional operators must wear suitable protective clothing : coveralls of a contrasting colour to the product being applied, underneath a disposable coverall with hood, suitable gloves and impervious footwear that protects the lower leg. Wear suitable respiratory equipment (such as air fed respiratory protective equipment with combined protective helmet and visor) when spraying.

Disposal

Disposal of remainders must be arranged for in consultation with the authorities. Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal. Remainders of this product cannot be disposed of through the municipal waste route or dumped without permit.

General

The information given in this sheet is not intended to be exhaustive. Any person using the product without first making further written enquiries as to the suitability of the product for the intended purpose does so at their own risk. Nautix can accept no responsibility for the performance of the product or for any loss or damage. The information contained in this sheet is liable to modification from time to time.

