

Description

Ardrox 2870 is a peroxide-accelerated paint remover. It is designed to remove durable paint systems, such as epoxy and polyurethane, from aircraft and other surfaces. It contains no halogenated solvents, and its combination of near neutral pH and low odour make it an excellent choice in areas where personnel are working.

Technical data

| | |
|------------------|-------------------------------|
| Appearance: | viscous, yellow emulsion |
| Odour: | characteristic |
| Density at 20°C: | 1.02 – 1.06 g/cm ³ |
| Flash point: | > 100 °C |

Application

| | |
|----------------|--|
| Concentration: | Ardrox 2870 is ready for use as supplied |
| Preparation: | Prior to the application of Ardrox 2870, any surface materials requiring masking should be accommodated. Consult your OEM or internal documentation for the appropriate masking procedures. Best results will be achieved at temperatures over 20°C. The paint surface should be clean and dry. |
| Application: | <p>Ardrox 2870 is applied by spraying with a piston-type pump and spray wand. Use with 2:1, 3:1, 5:1 or 10:1 pumps (5:1 and 10:1 preferred). Pouring is also possible.</p> <p>Apply to a thickness of 2 to 3 times the coating thickness or until the paint is uniformly covered. Do not apply too heavily, sagging could occur. Personnel should always wear suitable protective clothing.</p> |
| Paint removal: | <p>In general, Ardrox 2870 should remain on the surface for 2 to 6 hours (depending on temperature, coating thickness and type, and other conditions). If necessary to bubble the paint, Ardrox 2870 can be left on the surface for longer periods of time.</p> <p>Note: Ardrox 2870 is designed for a single-coat application and so does not require removal and reapplication in order to expedite removal.</p> |

- Elimination:** Ardrox 2870 and bubbled paint can be removed with a squeegee, brush, rinsing with water, or equivalent method. Do not allow the softened paint to dry out as it may re-adhere to the substrate.
- Spot reapply the stripper to remaining painted areas if necessary and repeat the removal method. Follow up with a final rinse or wipe using water or wash with Ardrox 6086.
- Dispose of waste according to local procedure.
- Pre-trial:** Pour or spray Ardrox 2870 on a vertical portion of the aircraft or panel. Record the coating thickness, time and temperature at application.

Effect on materials

Ardrox 2870 is safe for aluminium, titanium, magnesium and most types of steel. Not to be used on windows or composites.

Safety guidance

Before operating the process described it is important that this complete document, together with any relevant Safety Data sheets, be read and understood. Do not store used Ardrox 2870 and/or removed coatings in closed containers until all reaction has ceased. Avoid contacting materials containing solvable chromium.

General information

Chemetall supplies a wide range of chemical products and associated equipment for cleaning, sanitising, descaling, paint and carbon removal, metal protection and non-destructive testing. Sales Executives are available to advise on specific problems and applications.

Labour and environmental protection

All local and national regulations on the transport, storage, use and waste treatment of chemicals in concentrated or diluted form and as working solutions must be obeyed.

Further specific information on the products can be found in the EC Safety Data Sheets supplied. The user should also pay strict attention to information and hazard symbols shown on product labels.

Waste disposal

All waste waters must be treated in accordance with national legislation and local regulations prior to discharge to the sewer.

WIL Jan. 2004