

Ardrox[®] 2871

HIGHLY EFFECTIVE PAINT REMOVER

1 Description

Ardrox[®] 2871 is a peroxide-accelerated non-acid paint remover. It is designed to remove durable paint systems, such as epoxy and polyurethane, from aircraft and other surfaces.

It does not contain halogenated solvents, and its combination of near neutral pH and low odor makes it an excellent choice in areas where personnel are working. Ardrox[®] 2871 has been shown to provide better moisture retention properties preventing the product from drying out on the airplane surface even when left on for extended periods of time.

Approvals & conformances

✓ American Airlines	
✓ Boeing	BAC 5725 & BSS 7432
✓ Embraer	MEP 21-016
✓ Fedex	
✓ French Ministry of Defence	
✓ German Ministry of Defence	TL 8010-0040
✓ McDonnell Douglas	DPM 5549-6
✓ Safran Landing Systems	PCS 2700
✓ SAE	MA 4872
✓ TAP	ETM 2053

Ask your Chemetall representative for a complete list of approvals

2 Physical and chemical properties

Property	Typical Value	Unit
Appearance	Viscous, yellow emulsion	-
Odour	Characteristic	-
Density	1.02 – 1.05 at 20°C / 68°F	g/ml
Flash point	> 100 °C / 212 °F	-

These are typical values only and do not constitute a specification.

3 Method of use

Ardrox[®] 2871 is ready for use as supplied.

3.2 Surface Preparation

Prior to the application of Ardrox[®] 2871, 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 18°C / 64°F.

The surface to be stripped should be cleaned, rinsed and dried prior to the application of Ardrox[®] 2871. Oil, dirt or other surface contaminants can interfere with the performance of Ardrox[®] 2871.

For pre-cleaning we recommend the use of Ardrox[®] 6484A or Ardrox[®] 1900D.

3.3 Application

Ardrox[®] 2871 is applied full strength 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.

Apply to a thickness of 2 to 3 times the coating thickness or until the paint is uniformly covered. Do not apply too much, otherwise sagging could occur. Personnel should always wear suitable protective clothing.

3.4 Paint removal

In general, Ardrox[®] 2871 should remain on the surface for 2 to 6 hours (depending on temperature, coating thickness and type, and other conditions). If it is necessary to bubble the paint, Ardrox[®] 2871 can be left on the surface for longer periods of time.

Note: Ardrox[®] 2871 is designed for a single-coat application and so does not require removal and reapplication in order to expedite removal.

3.5 Elimination

Removal of Ardrox[®] 2871 and paint can be achieved with the use of 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[®] 6484A or Ardrox[®] 1900D.

3.6 Pre-trial

Pour or spray Ardrox[®] 2871 on a vertical portion of the aircraft or panel. Record the coating thickness, time and temperature at application.

4 Effects on material

Ardrox[®] 2871 is safe for aluminium, titanium, and most types of steel. Not to be used on windows or composites. Please follow the instructions as given in the appropriate specifications of the OEMs.

5 Storage, shelf-life and disposal

Please refer to the corresponding Material Safety Data Sheets for details on shelf life, storage and disposal.

6 Labor and environmental protection

Before operating the process described it is important that this complete document, together with any relevant safety data sheets, be read and understood.

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.

7 General Information

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

The above details have been compiled to the best of our knowledge on the basis of tests and research work and with regard to the current state of our practical experience. This technical product information is non-binding. No liabilities or guarantees deriving from or in connection with this leaflet can be imputed to us. Statements relating to possible uses of the product do not constitute a guarantee that such uses are appropriate in a particular user's case or that such uses do not infringe the patents or proprietary rights of any third party. The reproduction of any or all of the information contained in this leaflet is expressly forbidden without Chemetall's prior written consent.

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