

Technical Data Sheet

Date of compilation: 18/05/2021

ARC PATINATION OIL

DESCRIPTION

Newly applied lead exposed to the elements will build a natural white patina known as Lead Carbonate. Rainwater running over the lead may also wash a white stain onto adjacent fixtures and materials. Patination Oil is a specially developed resin blend that once applied to the lead surface prevents the chemical reaction taking place that forms Lead Carbonate. It keeps newly fitted Lead Sheet, flashings and cladding looking uniform and attractive in appearance.

Features

- Fast drying
- For DIY & professional
- Proven formula

Uses

- To prevent unsightly stains forming on newly fitted lead.



TECHNICAL DATA

Property	Specification
Colour	Amber/Light Brown
Form	Free flowing liquid
Density	0.79 – 0.83 g/cm ³ at 20°C
Shelf Life	36 months (unopened)
Odour	Solvent
Flash Point	40°C (Closed cup)
Drying Time	1 hour at 20°C
Solubility in hydrocarbon solvents (white spirit, thinners, xylene etc.)	Fully soluble
Solubility in Water	Insoluble

APPLICATION

All surfaces should be clean, dry, sound and free from frost, oil, grease, condensation and other contamination. Patination Oil should be applied to new lead as soon as possible after fitting, before the lead can get wet.

Prior to application shake the container well with the cap on for 1-2 minutes as the product may separate during storage. Take care when using not to spill the product onto adjacent tiles or roofing materials as it may stain. Bituminous or tar based roofing substrates are soluble in the solvent used in Patination Oil so extra care should also be taken to avoid spilling

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on these surfaces.

To apply the product use a soft absorbent cloth saturated in product, work either vertically or horizontally in lines and avoid circular motions. Ensure that clips used in fitting are covered by the product. Coat all surfaces, leading edges, lap joints and the underside of flashings to a depth of 75mm. Apply Patination Oil after each step or by the end of the working day at the latest. Complete application prior to rainfall.

If it is likely foot traffic will occur during fitting of Lead Sheet (over coated surfaces), a second coat of Patination Oil is recommended to be applied on completion when all surrounding work is finished.

Coverage rate:

60m²/L

N.B. the surface of the lead post-application of Patination Oil will be slightly darker. Over time, a stable natural patina will develop on the surface.

For cleaning tools use a hydrocarbon-based solvent such as white spirit, turpentine, thinners or Xylene.

REGULATORY

All components are REACH (Reg. (EC) No 1907/2006) registered. The product does not contain any Substances of Very High Concern (SVHC).

TOXICITY AND SAFETY

The product is classified as hazardous according to the CLP Regulation (Reg. (EC) No 1272/2008), it contains White Spirit. Refer to the Product Safety Data Sheet for recommended safety precautions. It is recommended the end user wear safety glasses, safety gloves and protective clothing during application.

HANDLING AND STORAGE

Store in cool, dry conditions in the original manufacturer packaging. Do not store with oxidisers and keep away from sources of ignition. The product has a 36-month shelf life provided the container is unopened. If opened the product should be used within 12 months and sealed air-tight between uses. Longer storage times may result in product separation, rigorous shaking is recommended prior to application.

PACK SIZE AVAILABILITY

1 Litre tin

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NOTE

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Full information and advice is freely available from our Technical Services Department e-mail technical@arcbuildingproducts.ie. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.