



British Lead

Product Data Sheet

Patination Oil

Patination Oil

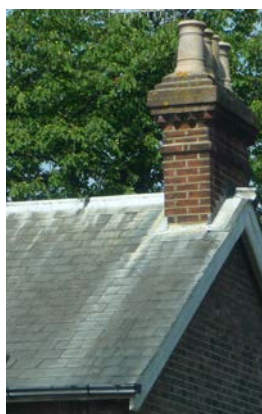
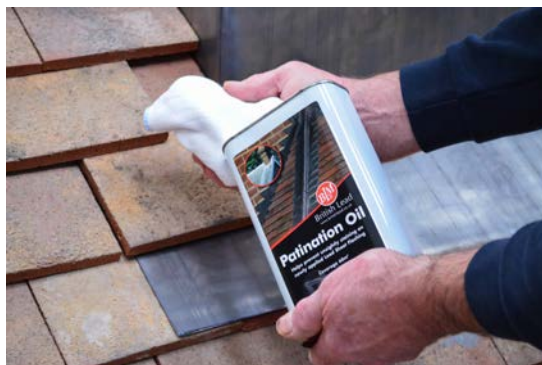


Prevents white carbonate that forms on newly fitted Lead from staining adjacent materials

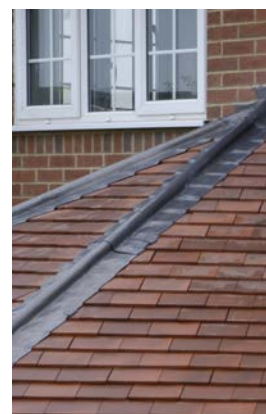
When newly fitted Lead is exposed to moisture, it builds up a natural patina in the form of a soluble white Lead carbonate. Future exposure to rain will wash the carbonate onto adjacent materials causing unsightly staining or discolouration.

Patination Oil is a white spirit based surface treatment that prevents white carbonate from forming on the surface of newly fitted Lead Sheet and reduces the risk of staining to adjacent materials.

Patination Oil should be applied to Lead roofing, flashings and cladding to give a uniform, attractive appearance where the Lead Sheet is visible. It is also necessary when water flowing from the Lead Sheet surface may come into contact with other visible building materials.



Example of staining when left untreated



Example of leadwork treated with Patination Oil



DESCRIPTION

Composition and manufacture

Patination Oil is a mixture of White Spirit, Soya Alkyd Resin, silica and metallic soaps.

Dimensions

Available in 0.5l and 1.0l cans

Coverage

The area of Lead Sheet covered by Patination Oil is approximately 60m²/l.

Appearance

The surface of Lead Sheet is initially given a slightly darker, more uniform colour by the application of Patination Oil. In time, a stable natural patina will develop on the Lead Sheet surface.

PERFORMANCE

Flammability

Patination Oil should be applied in a well-ventilated area away from naked flames. On application, the White Spirit in the oil will quickly evaporate to leave a dry coating.

Durability

One coat should resist the formation of carbonate run-off, though where foot traffic may occur, it is recommended that Patination Oil is re-applied.

SITWORK

Installation

Patination Oil should be applied as soon as possible and before the lead is allowed to get wet. Ensure the Lead is clean, dry and free from cement, dust and loose debris that may affect adhesion. The oil may separate during storage and it is recommended that it be shaken for at least 2 minutes before use. An even coat of Patination Oil should be applied with a soft absorbent cloth, working horizontally or vertically and leaving a wet lower edge. Avoid circular motions. The oil could stain slates or tiles if it is spilt. Care should also be taken when working close to bituminous felt roofing and polycarbonate sheeting. Ensure that clips used in fitting are covered by the oil. Coat all visible surfaces, leading edges, both surfaces in a lap joint 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. Application must be complete before rainfall.

Where foot traffic may occur during fitting of Lead Sheet, a second coat of Patination Oil should be applied on completion of the project when all surrounding work is finished.

Health & Safety

Patination Oil should be applied in a well ventilated area away from naked flames. In case of insufficient exhaust ventilation, suitable respiratory equipment should be used. Smoking should be avoided and suitable rubber gloves should be worn. The container should be kept sealed when not in use and stored in cool dry conditions between 5°C - 30°C.

Paint related product UN1263

- Flammable
- Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
- Repeated exposure may cause skin dryness or cracking
- Keep out of the reach of children
- Keep away from sources of ignition – No smoking
- Do not empty into drains
- Dispose of the material and its container at hazardous or special waste collection points
- Do not ingest. In case of an accident or if you feel unwell seek medical attention immediately, showing the label where possible
- See separate Health & Safety Data Sheet for full handling, use and storage advice

The normal health and safety procedures should be carried out when working with Lead. Operatives should not eat, drink or smoke in any place where contamination could occur. Hands and arms should be washed before any meals or smoking. Particular care should be exercised when removing old Lead and when Lead welding - refer to Control of Lead at Work Regulations Approved Code of Practice, Regulations and Guidance (COP 2) Revised 2002.

Disposal

Do not leave empty containers where residue could be harmful to children, animals or the environment. Replace lids and remove any containers to a central disposal point in accordance with local regulations.

SUPPLY

Please contact the BLM Sales Office for your nearest stockist.

SERVICES

Technical

Technical advice may be obtained from BLM British Lead. Please contact our technical team on 0330 333 3535 or email technical@britishlead.co.uk

REFERENCES

Further details on the full product range are contained in BLM's Product Guide. Pick up your free copy from any BLM stockist or request a copy by calling 0800 117 882. Alternatively you can download a copy of the brochure in PDF format at www.britishlead.co.uk.

BLM are certified to the internationally recognised ISO 9001 Quality Management, ISO 14001 Environmental Management, OHSAS 18001 Occupational Health & Safety and ISO 50001 Energy Management. 100% of BLM's raw material comes from recycled Lead.

BLM are a trading division of H. J. Enthoven Limited and part of ECOBAT Technologies, the World's largest Lead recycling group.

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