



British Lead

# Patination Oil



## Prevents white carbonate staining on newly fitted Lead

Patination Oil is a white spirit based liquid which provides a protective coating against carbonate formation on the surface of Lead Sheet which can discolour surrounding brickwork or tiles. The oil includes compounds designed to remove light oxide staining to produce a clean metallic surface on application.

Patination Oil should be used on Lead roofing, flashings and cladding to give a uniform, attractive appearance where 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. Patination Oil should be applied to newly installed Lead by the end of the working day so that carbonate does not have a chance to form.

### Authority

Patination Oil is recommended by the Lead Sheet Association for use in the above instances.



Example of staining when left untreated



## DESCRIPTION

### Composition and manufacture

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

### Dimensions

The oil is available in 0.5l, 1.0l and 2.5l cans.

### Coverage

The area of Lead Sheet covered by Patination Oil is approximately 60m<sup>2</sup>/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 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 runoff, though where foot traffic may occur, it is recommended that Patination Oil is re-applied.

## SITWORK

### Installation

Patination Oil should be applied at the end of each working day. 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 from top to bottom and leaving a wet lower edge. Avoid circular motions. The oil will 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. The underside of the top sheet in any lap joint should be coated to about 75mm from the outside edge. 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 and 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
- Harmful 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

Patination Oil is available from BLM stockists. Orders can be delivered direct to site by BLM. Please contact BLM for your nearest stockist.

## SERVICES

### Technical

Technical advice may be obtained from the company.

## REFERENCES

Further details on the full product range are contained in BLM's Superior Lead Products brochure. Pick up your free copy from any BLM stockist or request a copy by calling 0800 117882. Alternatively you can download a copy of the brochure in PDF format at [www.britishlead.co.uk](http://www.britishlead.co.uk).

BLM were the first Lead manufacturer to obtain both the ISO 9001 quality standard and ISO 14001 environmental accreditation.

**100% of BLM's raw material comes from recycled Lead.**

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

BLM are members of the Lead Sheet Association which provides technical guidance and training for users and specifiers of Rolled Lead Sheet. [www.leadsheetassociation.org.uk](http://www.leadsheetassociation.org.uk)