



British Lead

Lead-Cote



Example of staining when left untreated

Prevents white carbonate staining on newly fitted Lead

By its nature, Lead Sheet protects itself from ongoing corrosion through the formation of a natural surface patina. However, newly fitted or restored Lead is initially prone to suffer from unsightly white staining in wet or damp conditions caused by a carbonation process. This staining can spread to surrounding materials and cause permanent discolouration.

Lead-Cote is a safer alternative to Patination Oil that helps prevent white staining occurring when newly fitted Lead Sheet is first exposed to rain or moisture. It is easy to apply and will not harm other building materials.

Authority

Lead-Cote is recognised by the Lead Sheet Association as a suitable alternative to Patination Oil.



DESCRIPTION

Composition and manufacture

Lead-Cote is water based, not spirit based, so is not classed as a hazardous product. It is non-flammable and non-corrosive.

A white liquid with characteristic polymer emulsion odour.

Relative Density: 1.05 (approx.) at 20°C

Flash point: >63°C

Stable under normal conditions and at room temperature.

Dimensions

500ml spray-gun containers.

Appearance

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

PERFORMANCE

Lead-Cote is a solvent free water based acrylic copolymer, providing an environmentally friendly protective coating for all types of Lead applications. Coverage is between 40m² - 60m² per litre, per coat.

Durability

One coat should resist the formation of carbonate run-off however it is recommended to apply at least one additional coat. Where foot traffic may occur, it is recommended that Lead-Cote is re-applied when all surrounding work is complete.

SITWORK

Installation

Unlike oil based coatings there is no need to shake the Lead-Cote container rigorously prior to use. The contents will not "settle" in time and the product will continue to work effectively for up to five years after being opened.

To apply, gently shake the bottle and spray Lead-Cote onto a soft cloth then wipe it onto the Lead in even strokes working horizontally or vertically. Do not use circular strokes and be sure to coat all exposed Lead as well as the underside of all edges and laps to a depth of 75mm.

Allow each coat to dry and repeat up to 2 or 3 times if necessary. The more coats applied, the darker the appearance of the Lead.

Lead-Cote should be applied on the same day as the Lead is fitted. The inter-coat drying time will be 10-20 minutes depending on ambient temperatures. Minimum drying temperature is +4°C. It can be used when the Lead is already slightly damp or where white carbonate has already started to form on new Lead.

If accidentally spilt Lead-Cote will not damage adjacent building materials like asphalt, bitumen or rubber. It does not give off harmful fumes or irritate skin. It remains non-flammable and stable in hot weather.

Health and safety

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.

Inhalation: Move exposed person to fresh air if ill effects occur.

Ingestion: Do not induce vomiting. Rinse mouth thoroughly with water.

Skin contact: Wash the affected skin with soap and water.

Eye contact: Make sure that any contact lenses are removed from the eyes before rinsing. Promptly wash eyes with water for at least 5 minutes. Seek medical attention.

See separate Health & Safety Data Sheet for full handling, use and storage advice.

MAINTENANCE

Whilst Lead flashings are generally maintenance free, it is advisable to occasionally check the condition of the pointing detail and security of free edges.

SUPPLY

Please contact the BLM Sales Office for details of 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.

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