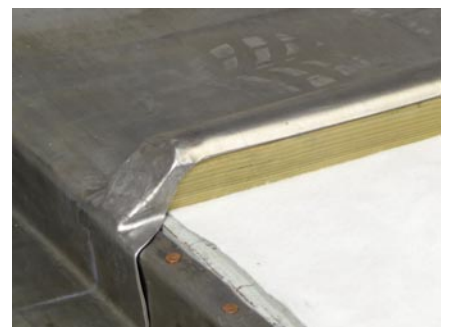




British Lead

BLM Standard Underlay



Protection for Lead Sheet against imperfections in the roofing substrate

A competitively priced underlay for Lead Sheet specifically designed to conform to Lead Sheet Association guidelines.

It is a non-woven, crimped filament polyester, needle punched to allow air to circulate freely between the underside of the Lead Sheet and the roof decking, preventing condensation forming and corroding the underside of the Lead Sheet.

Standard Underlay will protect and prolong the life of correctly fitted Lead Sheet. It irons out any imperfections in the substrate and allows Lead Sheet to expand and contract freely during thermal movement. When dealing with concrete, screeded and plywood surfaces it is recommended to use BLM Grade A1F Building Paper.

Authority

BLM Standard Underlay conforms to the guidelines set out by the Lead Sheet Association.



DESCRIPTION

Composition and manufacture

Standard underlay is manufactured from needle punched, non woven, continuous crimped polyester. It is white in colour and has a texture similar to woollen felt.

Dimensions

Apparent pore size: 0.09

Thickness: 3mm

Weight: 220gsm

Standard Roll Size: 1.0m x 25m (1.0m x 100m by special order)

PERFORMANCE

Standard Underlay has the following characteristics:

Tensile properties:

Max. load m.d. (k.N.m): 16

C.M.D: 18

Extension at m.d (%): 37

Max. load c.m.d.: 55

Apparent pore size (mm): 0.09

CBR puncture resistance (N): 2500

Displacement (mm): 80

Cone drop perforation resistance, hole dia. (mm): 23

Liquids

Water permeability at 100mm head: 220 litres/m²/s.

Heat

Standard Underlay does not melt at temperatures normally encountered under sheet metal roofs, nor does it become adhesive in hot weather.

Durability

Unlike some other roofing underlay materials, Standard Underlay will not rot or become adhesive and helps to prolong the life of Lead Sheet.

SITWORK

Standard Underlay should be laid in adjacent sheets either abutted or overlapped. On pitched roofs sheets should be laid along the fall. The material may be cut with a sharp knife or shears. Fixings should be made by staples for a timber substrate or double sided tape on stone surfaces. Avoid using nails or tacks as the heads may score and damage the underside of the metal sheet.

When fitting Standard Underlay it is important that it does not drape over the edges at the verge, eaves or drips as this may draw moisture in to the substrate by capillary action. Take care when forming hot joints above Standard Underlay as the close proximity of the flame may cause it to melt.

Health & 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 Practise, Regulations and Guidance (COP 2) Revised 2002.

MAINTENANCE

No maintenance required.

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