

Installation/Fixing

LACOMET[®] FL aluminium sheet-lead

Index

LACOMET® FL aluminium sheet-lead	3
Technical properties	3
Storage	3
Assembly / processing	3
Cutting to size	3
Bending / folding	3
Connections	4
Mounting/fixing	4

LACOMET® FL aluminium sheet-lead

LACOMET® FL is a sheet-lead alternative! This innovative product consists of two corrosion-resistant layers of unalloyed aluminium with an inlay of fibre strengthened composite material. LACOMET® FL can be used as a lead substitute for almost every conceivable water-retaining flashing or sheet covering solution in new build, renovation and refurbishment projects.

LACOMET® FL is a new innovative product, especially developed for the construction industry, universally applicable, extremely lightweight, durable and environmentally reliable.

Technical properties

Standard length	: handy rolls of 20m ¹
Standard widths	: 150, 250, 330, 500 and 1000mm
Width range	: 100-1000mm
Thickness	: 0.6 mm
Weight	: 1.05 kg /m ²
Aluminium quality	: unalloyed
Stability	: -50 to +150°C
Expansion coefficient	: < 32 micron per m / °C
Heat conducting coefficient	: approx. 1.00 W/mK
Tensile strength	: 200 N/mm ²
Colour	: RAL 7037 (dusty grey)

Storage

LACOMET® FL must be stored in its original packaging material, dry and clean. Any damage from storage and transportation must be avoided.

Assembly / processing

The method of assembly and fixing of LACOMET® FL is generally the same as for traditional sheet-lead. LACOMET® FL can be mounted and fixed in lengths of 3 – 4 metres. The product can be worked in a similar way to lead, but has no stretching properties. Even at low temperatures (-20°C) LACOMET® FL remains totally flexible.

Cutting to size

LACOMET® FL can be cut to size with a Stanley knife, scissors or tin snips.

Bending / folding

LACOMET® FL can be worked by hand or by mechanical means and is easily shaped by bending or folding. It can be bent repeatedly without losing its strength, it will not crack or break. Sharp corners are to be avoided.

Connections

Watertight seams are made with the help of LACOMET[®] FL double or single sided butyl tape or flexible mastic (butyl) sealant. Overlaps should at least be 100mm. Double-lock welts similar to those achieved with traditional sheet-lead are possible.

Mounting/fixing

Cavity Flashings

LACOMET[®] FL is light weight, does not sag and can be mechanically fixed with hammer fix screws or similar at 300mm centres without any lathing support.

Standard Flat roof to Wall Flashings

When fixing LACOMET[®] FL to existing brickwork, the use of synthetic wedges is recommended to secure the flashing prior to pointing.

Stepped Abutment Flashings

Mount the steps with sufficient overlap. Overlaps are to be secured with LACOMET[®] FL double sided adhesive tape and/or butyl sealant. Synthetic wedges are also recommended as above.

Note

If it is necessary to fix LACOMET[®] FL for reasons of storm resistance LACOMET[®] FL double sided butyl tape or flexible mastic (butyl) sealant can be used.



Cutting to size Lengths max. 3-4 metres.



Bending / folding LACOMET® FL can easily be bent or folded.



Connections Apply flexible (butyl) sealant between the overlaps.....



..... or double sided butyl tape. The overlap should be >100mm.



Fixation to the under surface Use aluminium strips.....



.....or fix direct into the wall at 300mm centres.