

PRODUCT APPLICATION SHEET

FormFlash Abutment Flashings

Introduction

FormFlash is a flexible waterproof flashing in roll form used as a replacement for traditional lead.

The product can be installed in all applications where traditional lead would be used.

FormFlash can be worked in the same way as lead.

Estimating

Measure the depth of flashing required and add 25mm to allow for turning into the chase and allowing for minimum required cover to other areas of waterproofing such as bitumen membrane upstands, slates or tiles etc. This will determine the width of roll to be ordered. (See figure on for example of flat roof abutment flashing)

Rolls are supplied in 120mm, 150mm, 200mm, 250mm, 300mm, 450mm, 600mm and 950mm widths.

Fix with FormFlash Fixing Clips and point with Xtra-Seal lead Sealant

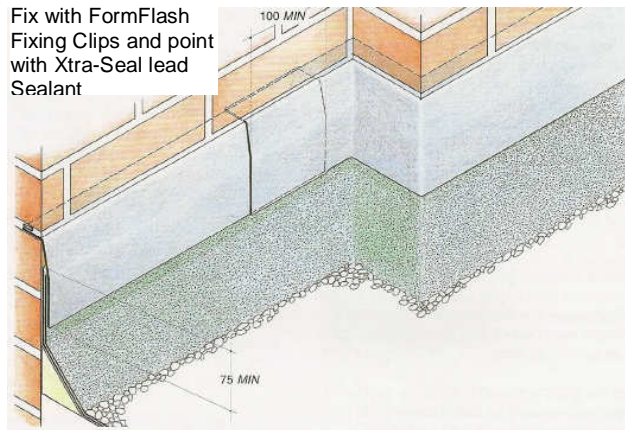


Figure 1 Flat Roof Abutment

Measure the length(s) of abutment requiring flashing to determine the quantity of rolls required. Allowance should be made for 100mm overlaps.

Allowance should also be made for lead clips to suit exposure conditions.

Rolls are supplied in 10m lengths.

Allow for FormFlash Fixing Clips at 400mm centres along each length of flashing,

FormFlash Fixing Clips are supplied in bags of 25 clips; one bag to one roll of FormFlash.

Allow for Xtra-Seal Lead Sealant applied at a rate of approximately 10 linear metres per tube with a 6mm bead.

Xtra-Seal Lead Sealant is supplied in cartons of 12 x 300ml tubes per carton.

Installation

Flat Roof Abutments

All abutment flashings are designed to prevent rainwater from penetrating between the wall and the roof covering. However they will not stop wind driven rain penetrating the brickwork and running down the cavity and by-passing the flashing; this is a function of a dip cavity tray see Xtra-Load Damp Proof Courses – Product and Installation Guide.

The top of the Flashing should be dressed into a mortar joint or pre-cut chase set a minimum of 150mm above the finished roof level. The latter being a minimum of 25mm x 25mm in cross section.

Dress the FormFlash a minimum of 25mm into the wall the full depth of the chase (in the case of a mortar joint a minimum turn in of 25mm is required).

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FormFlash must be permanently secured using FormFlash Fixing Clips driven into the chase at approximately 400mm centres, above the flashing using a bolster, ensure the front edges of the clips are not projecting beyond the wall.

Finish the detail by pointing the chase or joint with Xtra-Seal Lead Sealant in accordance with the instructions on the packaging.

Stepped Flashings



This type of flashing is prepared and fixed as described for flat roof abutment flashings but with an additional minimum allowance of 150mm to cover the tiles, adding to the overall width of the required roll.

When flashing over deeply profiled tiles (or on pitches below 25° in severe exposure situations) it may be necessary to increase the cover over the tiles to 200mm. (See Figure 2)

In all cases the free edges of the FormFlash should be clipped to suit the site exposure to wind-lift



Figure 2 Step flashing to pitched roofs.

Tools & Equipment

The standard tools used for dressing (Bossing) lead can be used with FormFlash.

In addition a sharp knife and/or tin snips will be required.

A straight edge, plumb line and tape measure are also necessary.

Health & Safety

All Personal protective Equipment (PPE) must be supplied and used; i.e. safety boots, gloves, eye protection and safety hats.

The installation of flashings inevitably means working at height and as such personal safety and protection against falls must be considered a priority. Roof work can be complex, is always high risk and demands careful planning. For detailed information

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relating to Safety in Roof work consult HSE publication HSG33.

Always consider the following;

Safe access to the roof – ladders must be of the correct type and height, in good condition and securely fixed to prevent movement or slippage.

Edge protection – working at height requires prevention against falls by providing adequate roof edge protection or independent scaffolding.

Weather conditions – consideration must be given to working in adverse weather conditions. A sudden gust of wind can lead to loss of balance. Wet conditions can make working surfaces slippery.

Material handling – well planned material handling has a significant impact on roof safety and care should be taken when lifting and moving materials to avoid injury.

Getting materials to the roof – reduce the amount of travelling to the ground to collect materials by using lifting appliances such as a gin wheel or scaffold hoist.

Falling materials – precaution should be taken to avoid materials or tools falling from the roof causing injury to people below.

Cables and pipes – always check that any cables or pipes in the vicinity of the works before starting.

Overhead cables – check that any cables passing overhead will not interfere with operations, taking particular care when moving metal ladders and scaffold poles.

Health and Safety Data Sheets – Available for all products, please request copies from Icopal Technical services Department.

Technical Support

Specialist design guidance and advice on all matters relating to this product including CAD detailing for all your waterproofing requirements is freely available from our technical department at the address below.

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