

SmartFlash - Lead Replacement Rolls

 CODE **GWSF**
Description

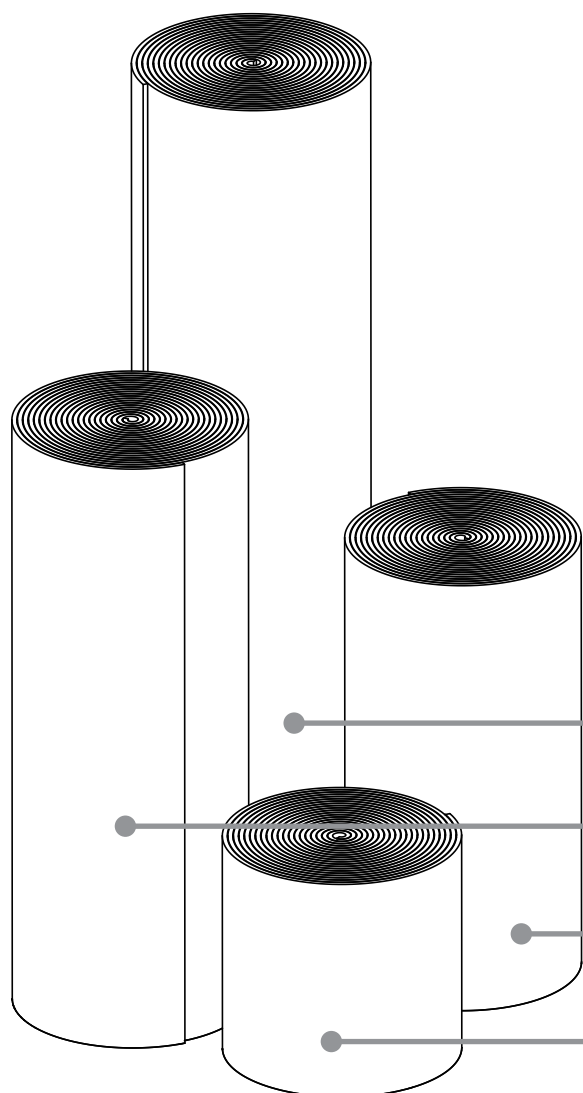
The Manthorpe SmartFlash is a safe and secure modern alternative to traditional lead flashings. The versatile self-adhesive flashing can be used in a wide variety of details to weather the joints between numerous construction elements. The environmentally friendly material is quick and easy to work with, requiring only simple tools and can be installed on virtually all roofing substrates down to a minimum slope of 5 degrees.

The flashing is a composite material made up from an expandable aluminium mesh embedded inside a robust polymer rubber, allowing it to be very workable during installation and stretch to follow even deep profiled tiles. The back of the flashing is fully coated in a butyl adhesive which is covered by a protective film until ready to stick down, allowing the flashing to be formed to shape easily before it is securely stuck down.

The SmartFlash comes in an Anthracite Dark Grey colour and is available in a range of roll widths to suit a variety of applications.

Features

- Quick and simple to install
- No specialist tools required to fit
- Highly flexible and easily workable
- Self-adhesive backing for secure fixing
- Available in 4 different roll widths
- Comes on 5 metre length rolls
- Indistinguishable from traditional lead
- Has no scrap value to potential thieves
- Suitable for use down to a 5° roof pitch.

Roll Widths Available:

GWSF-560 560 x 5000mm
GWSF-370 370 x 5000mm
GWSF-280 280 x 5000mm
GWSF-140 140 x 5000mm

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Date 04.07.19

The company maintains a policy
 of continuous development of its
 product range and reserves the
 right to amend the specification
 without notice.

DRG No

MBP 8335

Issue

B

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Specifications

Thickness	2.3mm*
Weight	3.4 kg/m ² (1,348 kg/m ³)
Roll Length	5,000mm
Roll Widths	140, 280, 450, 560mm
Colour	Anthracite (Dark Grey) RAL 7043
Box Qty	140mm - 2 280mm - 1 370mm - 1 560mm - 1
Materials	Aluminium mesh Polymer Rubber Butyl mastic
Temperature Window	-40°C to +90°C
UV & Ozone Resistance	UV & Ozone proof, ageing resistant
Weather Tightness	Weather proof, water tight and insoluble
Minimum Installation Pitch	5°

*Thickness can change when flashing is worked with

Typical Installation Locations

- Lean-to roof abutments below cavity trays
- Roofline chimney protrusions
- Dormer window projections through roofs
- Roof valley details at the ridge & eaves
- Skylight penetrations through the roof
- Solar panel mounts & service penetrations
- Pipe penetrations for ventilation outlets
- Soil pipe penetrations through the roofline
- Changes in pitch along a roof elevation

Installation Overview

Manthorpe SmartFlash is easy to cut to size and trim into shape using a stanley knife or plate shears.

Before application clean the surfaces, ensuring that they are dry and free of oil, grease, dust and debris before installation. Pourous surfaces should be pre-treated with a primer.

Lay the flashing over the detail to ensure the correct size and positioning is used, at least a 50mm contact area of adhesive is recommended onto the substrate.

Any tight corners can be pre-bent before installation to make the flashing easier to fit in situ.

Once loosely formed, the backing film can be removed and the flashing pressed firmly into place.

Joints can be completed by folding and rolling over the upstand or by overlapping the joins. Offcuts can be easily re-used, minimising the amount of scrap produced.

Safety & Environment

Health Hazard Class	None
Fire Hazard Class	Polymer: B2 (EN 13501-1) Aluminium: None Butyl: B2 (EN 13501-1)
Ecolabelling	Polymer: MAL* (Component A) and 1-1 (Component B) Aluminium: No ecolabelling Butyl: No ecolabelling

*Regulation for the labelling concerning inhalation hazards

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