

# IKOfash-e

## Technical Data Sheet – Section 11.00

### PRODUCT INFORMATION

IKOfash-e is a polyvinyl butyral (PVB) based flashing material with an aluminium mesh reinforcement. It has a protective film to the upper exposed surface that is removed upon completed installation.

Roll Dimension	Product Code
6m x 150mm	396E0150
6m x 200mm	396E0200
6m x 250mm	396E0250
6m x 330mm	396E0330
6m x 400mm	396E0400
6m x 450mm	396E0450
6m x 500mm	396E0500
6m x 600mm	396E0600
6m x 1000mm	396E1000



### USE

IKOfash-e can be used for applications such as abutments, stepped flashings, and valleys to provide a weatherproof junction.

### FEATURES & BENEFITS

**Sustainability** - IKOfash-e has the look and feel of traditional lead but is 31% more sustainable.

**Recyclability** - The raw material is r-PVB, the safety foil in e.g. windshields. The product can be recycled and reused after its lifetime.

**Ease of use** - IKOfash-e can be installed in longer strips, so you can seal larger areas with fewer overlaps and joints, saving you time and materials.

**Few accessories needed** - IKOfash-e is easy to apply. Use a pair of robust scissors to cut the product to size, a roller and a lead dresser to mould it and fixing clips to fix to masonry joints quickly with IKOpro flash-e Adhesive to seal.

## **COMPOSITION**

Material:	PBV/Aluminium
Form:	Roll
Length (m):	6
Width (mm):	150-1000 (see table)
Thickness (mm):	3
Mass/ weight (kg/m <sup>2</sup> ):	3.85 ±10%
Surface finish:	Smooth
Colours:	Lead Grey Terracotta Red* Black*
Service Life:	at least 20 years
* Special order items	

## **INDEPENDENT ACCREDITATION**



The product carries an Agrément Certificate 22/6356.

## **CONSTRUCTION**

### **MATERIAL HANDLING**

Checking: Material should be checked to ensure that they conform to the project specification.

Handling: Material should be unloaded and handled with care to avoid damage.

Site Storage: Material should be stored on end on a firm, clean base protected from direct sunlight.

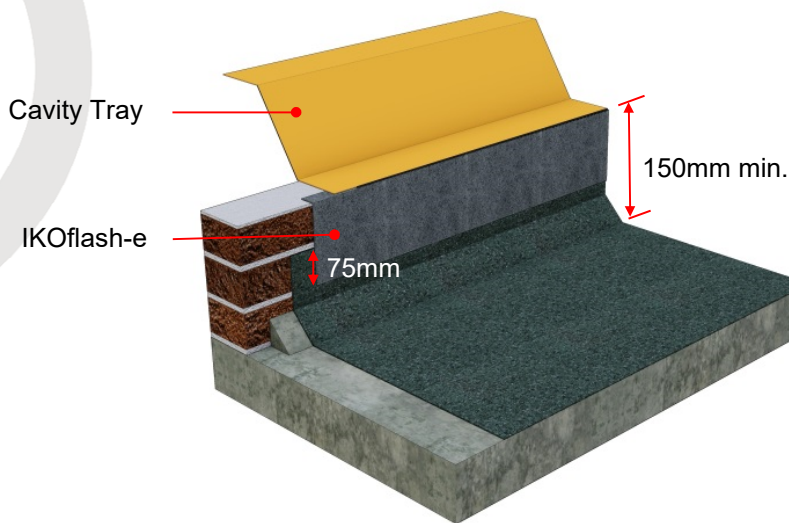
### **GENERAL FIXING**

In all applications the uppermost protective film on IKOfash-e should only be removed after completed installation of the product.

IKOfash-e should be turned into a joint or chase by not less than 30mm. It should then be held in place with proprietary steel fixing clips, spaced not more than 450mm apart and then the joint filled with IKOpro flash-e Adhesive. All overlaps should be 100mm and sealed with IKOpro flash-e Adhesive.

When installing IKOfash-e in a joint which includes a cavity tray (Figure 1) such as a flat roof abutment, the mortar should be removed to a depth of not less than 30mm below the leading edge of the DPC. IKOfash-e is then fitted beneath this leading edge, and the joint sealed with IKOpro flash-e Adhesive.

The height of the upstand must be a minimum of 150mm from the finished roof level.

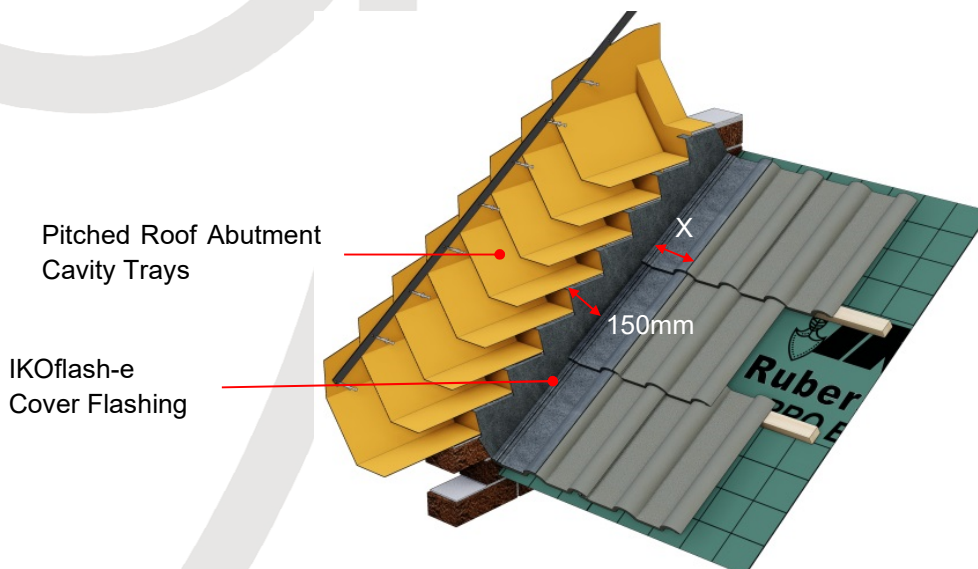


**Figure 1 - Typical interface with cavity tray on a flat roof abutment**

Where a pitched roof abuts an external wall, single lap tiles can be detailed using a continuous cover flashing (Figure 2). This flashing should go up the wall 150mm and turned into a mortar joint chase by not less than 30mm. It should then be held in place with proprietary steel fixing clips, spaced not more than 450mm apart and then the joint filled with IKOpro flash-e Adhesive.

The 'x' dimension on roof pitches below 24° or deep profiled roof tiles should be 200mm, sealed with a continuous bead of IKOpro flash-e Adhesive.

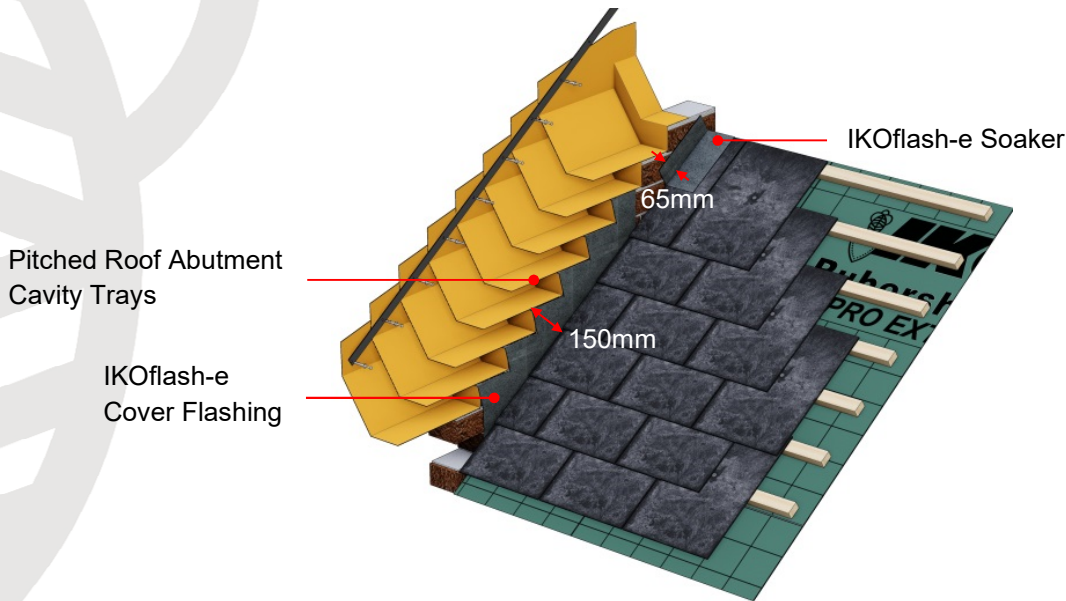
On roof pitches at 25° and above, 'x' should be a minimum of 150mm, sealed down with a continuous bead of IKOpro flash-e Adhesive.



**Figure 2 – Continuous flashing to pitched roof abutment**

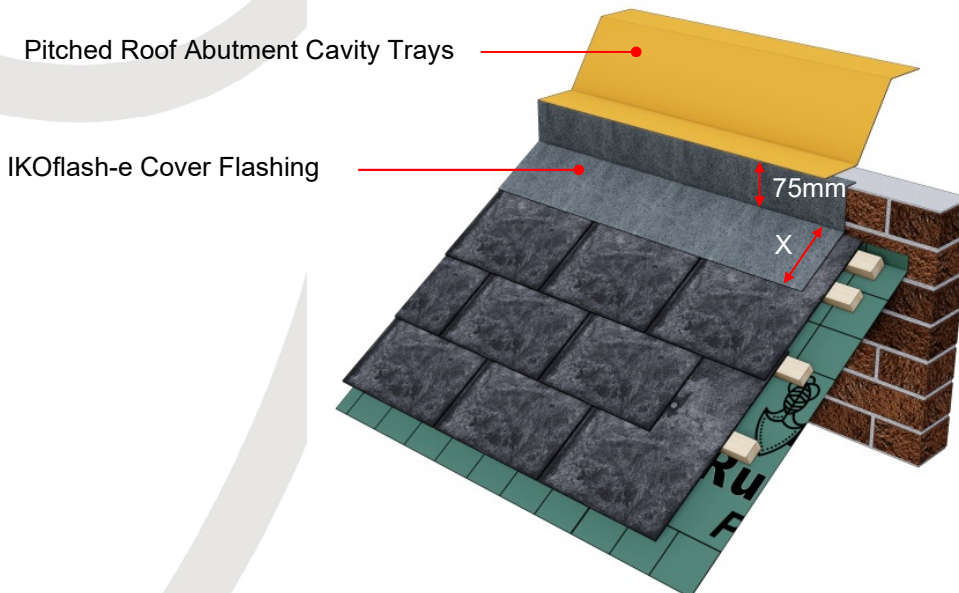
Where double lap tiles or slates abut a wall they should be detailed with separate soakers and stepped cover flashing (Figure 3). Soakers should be formed with 100mm onto the tiles or slates, and be turned up the wall.

The stepped flashing height should be 150mm, as above terminated and sealed into a mortar chase. The cover flashing must cover the soakers upstand by not less than 65mm and be sealed with a continuous bead of IKOpro flash-e Adhesive.



**Figure 3 – Separate flashings with a pitched roof abutment**

When flashing a lean-to-pitched roof, IKOflash-e should be turned up no less than 75mm, terminated and sealed into a mortar chase. It should extend down the slope, (position 'x' in Figure 4) at least 150mm. For pitches below 25° or in exposed areas, it should extend down by at least 200mm. In both instances, it should be sealed using a continuous bead of IKOpro flash-e Adhesive.



**Figure 4 – Lean-to pitched roof flashing**

IKOflash-e is suitable for use in valley gutter sitting directly on the valley boards. These valley boards should be constructed of 18mm thick plywood, and these should extend at least 225mm each side of the centre of the valley. The tilting fillets should be positioned 150mm each side of the centre.

IKOfash-e must be wide enough to extend across valley boards, over the fillets to a point of fixing behind the fillets. The free edges should then be welted to protect the fixings and provide a weather check. Once laid, foot traffic within the valley should be avoided.

## DURABILITY

The product, when subjected to normal conditions of exposure and use, will have a service life of at least 20 years.

## OTHER RELEVANT DOCUMENTATION

Where applicable, Material Safety Data Sheets (MSDS), Declaration of Performances (DoPs), and Third-Party Accreditations are available to view and download from the IKO website Resource Centre:

<https://ikogroup.co.uk/resource-centre/>

## PRODUCT SUPPORT

Should you have any queries in relation to this product please contact one of the relevant teams below:

### Technical

[technical.ab@iko.com](mailto:technical.ab@iko.com)

- For Reinforced Bitumen Membranes, IKOpro and Flexia Liquid Applied Waterproofing, Pitched Roofing, IKO Hyload Structural Waterproofing

[technical.ma@iko.com](mailto:technical.ma@iko.com)

- For Mastic Asphalt

[technical.cc@iko.com](mailto:technical.cc@iko.com)

- For Single Ply and Permateg Hot Melt

### Sales

[sales.uk@iko.com](mailto:sales.uk@iko.com)

### Marketing

[getintouch.uk@iko.com](mailto:getintouch.uk@iko.com)

## COMPANY ACCREDITATIONS

IKO PLC, a roofing, waterproofing, and insulation company, holds various accreditations that demonstrate its commitment to quality, safety, and environmental responsibility. These include ISO certifications for quality management and occupational health and safety, British Board of Agrément (BBA) accreditations for specific products and systems, and Factory Mutual (FM) approval for certain roofing systems.

All our manufacturing plants have BS EN ISO 9001, BS EN ISO 14001, BS EN ISO 45001, and BES 6001 accreditation, meaning we match the quality and sustainability requirements and use responsibly sourced raw materials in our production. We also re-use by-products from manufacture, wrap products in minimal packaging, and we employ a streamlined transportation network.



IKO is also a leading member of all relevant trade associations such as NFRC, BFRA, SPRA, LRWA, MAC, RSTA, BJA and LCRIG having technical experts within the technical and standards committees to help us get informed first-hand about recent updates on technical requirements for the design and installation of roofing, waterproofing, road and bridge maintenance industry products.





## **DISCLAIMER**

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