



ubbink

Ubiflex

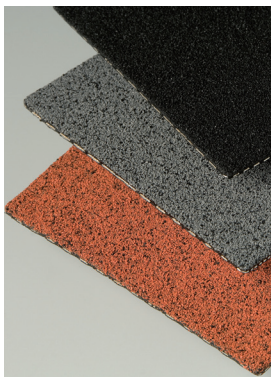


Non-lead flashing system

➤ Ubiflex non-lead flashing

Ubiflex is a non-lead waterproof flashing material which can be used in most applications where lead is traditionally considered, to provide a weatherproof junction at features such as changes of direction and materials.

Ubiflex is manufactured by coating both sides of an aluminium mesh reinforcement with a mixture of modified bitumen and additives. The underside of the product is finished with a kraft paper and film backing. Colour granules are added to the surface, the material cooled and rolled into the required lengths.



➤ Use Ubiflex for:

- stepped flashings
- abutment flashings
- chimney flashings
- pitched roof valley liners
- dormer window flashings
- rooflight and solar panel flashings

➤ Ubiflex is:

- up to 50% quicker to install than lead, is fully malleable, can be worked in both directions and is self-sealing if punctured.
- not susceptible to thermal movement. Aprons up to 12m long can be formed without seams or expansion joints – 8 times longer than traditional lead sheet. Consequently, there is less wastage with Ubiflex.
- compatible with most common building materials and components, such as thermal panels, extract flues, ventilators, rooflights and flat roofing membranes including PVC single ply.
- resistant to wind speeds up to 110mph – as demonstrated by wind tunnel testing at the BRE on a Ubiflex flashing surrounding a chimney with mortar joints sealed with Ubiflex Gap-Seal .
- stable and does not cause any unsightly staining.
- worked the same way as lead flashing but without the need for protective measures. It can be cut with a sharp knife or snips.





Ubiflex carries BBA certification and is approved by NHBC.



➤ BRE wind tunnel test

Wind tunnel testing at BRE on a Ubiflex flashing surrounding a chimney with mortar joints sealed with Ubiflex Gap-Seal demonstrated that the flashing will resist wind speeds of at least 49m/s (110mph) without failing. In the test Ubiflex was sealed down to profiled tiles with High-Tack.

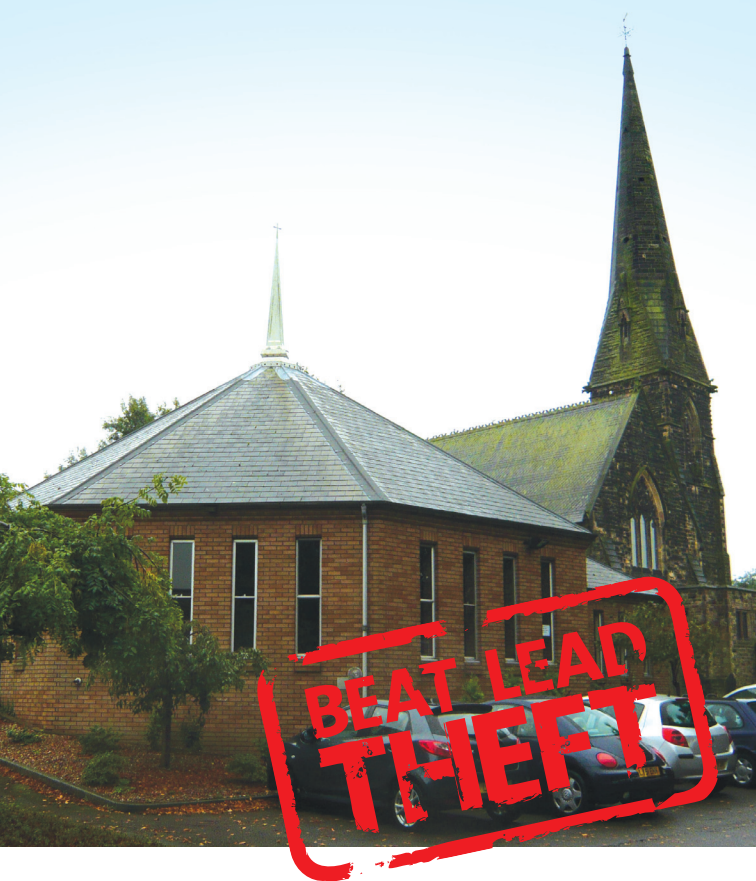
➤ Ubiflex documents

Copies of the BBA Certificate, BRE wind tunnel test, installation instructions and health & safety data sheets are available from Ubbink or www.ubbink.co.uk

➤ The Ubiflex system

1. Ubiflex non-lead flashing
2. Ubbink High-Tack sealant: for sealing down to tiles, slates & overlap joints
3. Ubiflex Gap-Seal: for filling mortar joints
4. Ubiflex fixing clips: for easier fixing in mortar joints
5. Ubiflex 'no lead' sign: to reduce theft from site





- No scrap value means no risk of theft
- 80% lighter than lead giving health & safety and structural advantages
- Up to 50% quicker to install than lead, saving time and money
- Non-toxic – removes health risks associated with working in close contact with lead
- Recyclable – a sustainable material
- Resists wind speeds up to 110mph – as demonstrated by BRE testing
- BBA Certified



➤ Performance

Composition:	Modified polyethin compound with an aluminium mesh reinforcement
Temp resistance:	-30°C to +90°C
Min. working temp:	By hand: -10°C With lead dresser: +5°C Use warmed material for improved malleability at low temperatures
Corrosion:	Resistant to corrosion
Wind stability	BRE wind tunnel tested to 110mph (B3 only)
Life expectancy:	30 years (B3 only). Tested to methods of artificial ageing by long term exposure to UV (A & B) radiation, elevated temperature and water. Individually and in combinations of two and all three elements (B3 only).
Guarantee:	25 years (B3 only)
Surface treatment:	Textured surface resists staining

➤ Ubiflex B3 – 3.5mm thick

Roll dimensions	Weight
150mm x 12m	7.2kg
200mm x 12m	9.6kg
200mm x 6m	4.8kg
250mm x 12m	12.0kg
300mm x 12m	14.4kg
300mm x 6m	7.0kg
400mm x 12m	19.2kg
400mm x 6m	9.6kg
450mm x 12m	21.6kg
500mm x 6m	12.0kg
600mm x 6m	14.4kg
1000mm x 6m	24.0kg

➤ Ubiflex B2 – 2.3mm thick

Roll dimensions	Weight
200mm x 12m	5.3kg
250mm x 12m	7.5kg
333mm x 12m	9.0kg
500mm x 12m	15.0kg

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