

Ubiflex B3



System materials, performance characteristics and order schedule



Grey finish shown ▲

Ubiflex B3 System Materials					
1. Ubiflex B3 non-lead flashing - roll sizes offered by nbs					
Width mm	Length mm	Weight per 12m roll kg	Length mm	Weight per 6m roll kg	Colours
150	12	7.2	6	3.6	Normally available in Grey or Black. (Upper surface) Terracotta available for large orders – contact nbs for details. The upper surface has a granular finish that normally resists marking and staining.
200	12	9.6	6	4.8	
250	12	12.0	6	6.0	
300	12	14.4	6	7.2	
400	12	19.2	6	9.6	
450	12	21.6	6	10.8	
500	-	-	6	12.0	
600	-	-	6	14.4	
1000	-	-	6	24.0	
Nominal thickness 3.5mm			Nominal weight per m ² = 4.0 kg		
2 to 5. Associated materials					
2. Ubiflex High-Tack sealant*			Sealing down to tiles, slates & overlap joints		
3. Ubi-Seal Tape**			Sealing down to tiles, slates & overlap joints		
4. Ubiflex Fixing Wedges***			For easier fixing in mortar joints		
5. Ubiflex Gap-Sealant*			For sealing mortar joints		
* Ubiflex High-Tack sealant and Gap-Sealant tubes fit a standard sealant gun.					
** Ubi-Seal Tape is 15mm wide in a 22.5m roll					
*** Ubiflex Fixing Wedges – 25 wedges per pack					

Performance characteristics	
Composition	Modified polyethin compound with an aluminium mesh reinforcement.
Temperature resistance	-20°C to +90°C
Minimum working temperature*	Folding using hands -10°C With lead dresser tool or hammer +5°C
Insulation	Ubiflex B3 is a thermal insulator and can be used without causing cold bridging
Wind stability	Resistant to wind force. BRE wind tunnel tested to 110mph.
Corrosion	Resistant to corrosion
Mechanical forces	Resistant to flexion, traction and compression
UV stability	Resistant to UV (prEN 1297)
Life expectancy**	30 years
Ubbink warranty	25 years
Fire rating	BS 467-3 : 2004 B rating for surface flame spread BS EN 13501-1 : 2007 Class E
<p>* Use warmed material to improve malleability at low temperatures</p> <p>** Tested to methods of artificial ageing by long term exposure to UV (A&B) radiation, elevated temperature and water. Individually and in combination of two and all three elements.</p> <p>For further technical details and test procedures refer to BBA Certificate No: 08/4577</p> <p>UBIFLEX B3 FLASHING IS ENVIRONMENTALLY FRIENDLY, NON-TOXIC, RECYCLABLE AND HAS NO RESALE VALUE AS SCRAP SO INSTALLED PRODUCT IS LESS LIKELY TO BE STOLEN.</p>	



Ubiflex Black - chimney flashing over profile tile



Ubiflex Grey below tile façade flashing



Ubiflex Grey – apron flashing over glass

The **Ubiflex B3** is a waterproof flashing system can be used for most applications where lead is traditionally installed.

- Stepped flashings
- Abutment flashings
- Chimney flashings
- Saddle flashings
- Valleys
- Gutters
- Roof-lights and light-pipes
- Dormers
- Solar panels

Ubiflex B3 flashing can also be used to form damp proof courses and cavity trays in masonry walls. The product is fully malleable, can be worked in both directions and is self sealing if punctured. Ubiflex is 80% lighter than lead giving handling, structural and health and safety advantages. Easily cut with a craft-knife, Ubiflex B3 non-lead flashing is easily formed to the required profile, once bent it will not spring back. Installers have found the Ubiflex system is up to 50% quicker to install than lead.

Ubiflex B3 is not susceptible to thermal movement. Aprons up to 12m long can be formed without seams or expansion joints. There is less wastage when compared than traditional flashing materials. The product is compatible with all common building materials and components, such as thermal panels, extract flues, ventilators and roof-lights. Ubiflex does not cause unsightly staining of adjacent surfaces.

N.B. **Ubiflex B2** (nominal thickness 2.3mm) is offered for SOAKERS, VALLEY GUTTERS, COVER, WINDOW, DOOR, STEP, ROOFLIGHT & CONSERVATORY FLASHINGS. Please note Ubiflex B2 is not suitable to form sharp corners, damp proof courses and cavity trays in masonry walls. Specify Ubiflex B3 for these applications – Refer separate Ubiflex B3 nbs Data Sheets



nationwide
build
shop limited www.nbs-home.co.uk

A digital copy of the BBA Certificate for the Ubiflex System is available upon request sales@nbs-home.co.uk

This publication is issued subject to alteration or withdrawal without notice. The illustrations and specifications are not binding in detail. All offers are subject to the Company's current terms and conditions of sale, a copy of which is available on request.

Ubiflex B3



Order schedule

Print off this form and use it to notate your requirement



Please read the Benefits, Technical and Installation Data Sheets for the Ubiflex B3 System before ordering.

To print this form click **File**, **Print**, then check **Current page** and click **OK**.

Ubiflex B3 System materials schedule						
1. Ubiflex B3 non-lead flashing – roll(s) required for project				Summary of recommended applications - Ubiflex B2 and Ubiflex B3		
Ubiflex Grey (Tick)	Ubiflex Black (Tick)	Width of roll mm	Length in roll m	Qty*	Length in roll m	Qty*
		150	12		6	
		200	12		6	
		250	12		6	
		300	12		6	
		400	12		6	
		450	12		6	
		500	-		6	
		600	-		6	
		1000	-		6	
* Notate the number of rolls required						
Application		Ubiflex B2* 2.3mm thick		Ubiflex B3 3.5mm thick		
Soakers		✓				
Sharp corners				✓		
Valley gutters		✓		✓		
Cover flashings		✓		✓		
Window flashings		✓				
Door flashings		✓				
Step flashings		✓		✓		
Rooflight flashings		✓		✓		
Conservatory flashings		✓		✓		
DPC masonry walls				✓		
Cavity trays masonry walls				✓		
* Refer Ubiflex B2 nbs Data Sheets						
Associated materials			Number required		Comment	
2. Ubiflex High-Tack sealant tube(s)**					Main method of sealing Ubiflex flashing down to tiles, slates and overlap joints. One tube will provide an 8mm bead, approximately 8 metres long.	
3. Ubi-Seal Tape. (22.5m in roll)					Alternative method of sealing Ubiflex flashing down to tiles, slates and overlap joints. 15mm wide in a 22.5m roll	
4. Ubiflex Fixing Wedges. 25 wedges per pack					For easier fixing in brickwork joints. For most applications wedges should be no more than 450mm apart. A wedge should also be fitted into the pointing gap where the flashing overlaps	
5. Ubiflex Gap-Sealant tube(s)**					Pointing gap filler. One tube will fill approximately 0.68m of a 30mm deep pointing gap.	

nationwide
build
shop limited www.nbs-home.co.uk

This publication is issued subject to alteration or withdrawal without notice. The illustrations and specifications are not binding in detail. All offers are subject to the Company's current terms and conditions of sale, a copy of which is available on request.