

Challenger and Challenger SBS

Product Data Sheet

Polyester Based Roofing Cap Sheets And Underlays

February 2008

Features and benefits

- Traditional pour & roll application
- Tough 250g/m², 180g/m² or 125g/m² polyester base options
- Choice of elastomeric or oxidised bitumen coatings

Description

These products form a simple range of reinforced bitumen roofing membranes, which are suitable for domestic and commercial applications. All membranes have a polyester base for toughness and durability. There is a choice of SBS modified (elastomeric) or oxidised bitumen coatings. Slate surface membranes are available for use as cap-sheets without the need for protection; sand surfaced membranes are used as underlays or where additional surfacing in the form of chippings or promenade tiles will be provided.

Challenger SBS membranes - (cap sheets and underlay) have polyester bases and SBS modified bitumen coatings.

Challenger membranes - (cap sheets and underlays) have polyester bases and oxidised bitumen coatings.

Product Details

Dimensions and weights	Challenger SBS Membranes			Challenger Membranes				
	180 Sand Underlay	180 Green Cap Sheet	250 Green Cap Sheet	125 Sand Underlay	180 Sand Underlay	180 Green Cap Sheet	250 Blue/Grey Cap Sheet	
Product Code	50130000	50120000	50140000	50180000	50170000	50160000	50150000	
Roll width m	1	1	1	1	1	1	1	
Roll length m	20	10	10	16	20	10	10	
Weight kg/m ²	2	3.4	3.9	1.8	2	3.4	3.9	
Roll weight kg	39	34	39	29	39	34	39	
Polyester Wt g/m ²	180	180	250	125	180	180	250	
Margin width mm	-	75	75	-	-	75	75	
BS 8747 Classification	S3P3	S3P3	S4P5	S3P3	S3P3	S3P3	S4P5	
Typical performance								
Tensile strength								
MOAT 30 (N/50 m)	MD	550	550	700	500	550	550	700
	TD	450	450	750	500	450	450	750
Elongation %	MD	25	25	45	40	20	20	30
	TD	35	35	50	40	30	30	40
LTF °C	-15	-15	-15	+5	+5	+5	+5	
Rolls per pallet	23	28	25	30	23	28	25	

Application

These membranes should be installed in accordance BS 8217: 2005, Code of practice for reinforced bitumen membranes for roofing, and to IKO specifications. Application is by traditional pour & roll methods. Hot bitumen is poured onto the substrate in front of the roll, which is then unrolled into the bitumen, spreading it to give a continuous coating for the full width. The membranes are applied with minimum 75mm side and end laps.

Other products

Full product literature, health & safety and technical sheets are available as downloads from our website www.ikogroup.co.uk or on request by email: marketing@ikogroup.co.uk

IKO PLC

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