

Specification & Application Manual

Modified Bitumen Roofing Membranes

8.1 TECHNICAL DATA

Product	Dibiten Poly/4 Smooth	Dibiten Poly/4.5 Slate	Dibiten Poly/4.5 FR* Slate	Dibiten Poly/5 Smooth
Product Type	Modified Bitumen	Modified Bitumen	Modified Bitumen	Modified Bitumen
Application Method	Heat Weld	Heat Weld	Heat Weld	Heat Weld
Reinforcement	Polyester	Polyester	Polyester	Polyester
Roll Weight (Nominal)	88 lbs.	99 lbs.	99 lbs.	88 lbs.
Roll Length (Nominal)	10 m (approx. 33')	10 m (approx. 33')	10 m (approx. 33')	8 m (approx. 26')
Roll Width (Nominal)	1 m (approx. 39")	1 m (approx. 39")	1 m (approx. 39")	1 m (approx. 39")
Product Thickness (Nominal)	4.0 mm	4.5 mm	4.5 mm	5.0 mm
Surface Color	Black	Variety Available	White	Black
Surface Finish	Talc	Slate Flakes	Slate Flakes	Talc
Gross Area Per Roll (approx.)	107.6 sq. ft.	107.6 sq. ft.	107.6 sq. ft.	86.1 sq. ft.
Net Coverage (approx.)	95 sq. ft.	95 sq. ft.	95 sq. ft.	76 sq. ft.
Rolls Per Pallet	20	16	20	20

***This is a special order product. Contact your Dibiten sales representative about availability and lead time.**

8.2 TEST DATA

Product	Dibiten Poly/4 Smooth		Dibiten Poly/4.5 & 4.5 FR Slate		Dibiten Poly/5 Smooth	
	Load	Elong.	Load	Elong.	Load	Elong.
Thickness	4.0 mm .160"		4.5 mm .1/80"		5.0 mm .200"	
Load Strain Properties						
@ 73.4° F	MD 110 CD 75	50% 50%	MD 110 CD 75	50% 50%	MD 125 CD 85	50% 50%
@ 0° F	MD 220 CD 150	22% 25%	MD 220 CD 150	21% 24%	MD 240 CD 200	22% 25%
Tear Resistance (lbs.)	MD 105	CD 75	MD 105	CD 75	MD 11/8	CD 95
Dimensional	MD < or = .50%		MD < or = .50%		MD < or = .50%	
Stability	CD < or = .20%		CD < or = .20%		CD < or = .20%	
Low Temperature Flex	14° F		23° F		14° F	

Dibiten Modified Bitumen membranes meet the criteria for ASTM 6222, Type I, Grades G (Slate Surfaced) and S (Smooth).

ICBO NER-455

UL Class A Fire Ratings available. (See pps. 55-56 or www.ul.com)