Johns Manville

dibiten®

Modified Bitumen Roofing Product Guide

DIBITEN ROOFING

Product Guide

DIBITEN COLOR CHOICES

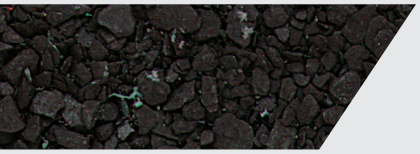
CRG

White

Grey

Tan

Black



Brown

Terra Cotta

Desert Blend

DIBITEN APP Modified Bitumen Membrane

Since 1985, DIBITEN has been producing a superior line of APP modified bitumen membranes for the residential and commercial construction market, including DIBITEN Poly/4, DIBITEN Poly/5 and DIBITEN Poly/4.5 with slate surfaced finishes. It continues to produce superior results by adding a cool roof granulated option when needed for white reflective roofing.

DIBITEN is a superior APP modified bitumen membrane reinforced with a high-quality nonwoven polyester mat and is one of the finest heat weld applied modified bitumen membranes ever produced not only for residential roofing but for commercial and industrial roofing as well.

DIBITEN roofing systems are backed by a manufacturer's non-prorated labor and material guarantee for up to 20 years, depending upon the specification used.

PRODUCT TECHNICAL DATA

	DIBITEN Poly/4 Smooth	DIBITEN Poly/4.5 Slate	DIBITEN Poly/4.5 FR* Slate	DIBITEN Poly/5 Smooth	DIBITEN Poly 4.5 CR G
Product Type	APP	APP	APP	APP	APP
Application Method	Heat Weld	Heat Weld	Heat Weld	Heat Weld	Heat Weld
Reinforcement	Polyester	Polyester	Polyester	Polyester	Polyester
Roll Weight (Nominal)	88 lb	99 lb	99 lb	88 lb	108 lb
Roll Length (Nominal)	10 m (approx. 33')	10 m (approx. 33')	10 m (approx. 33')	8 m (approx. 26')	10 m (approx. 33')
Roll Width (Nominal)	1 m (approx. 39")	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	4.5 mm
Surface Color	Black	Variety Available	White	Black	Bright White
Surface Finish	Talc	Slate Flakes	Slate Flakes	Talc	Granules
Gross Area Per Roll (approx.)	107.6 ft^2	107.6 ft^2	107.6 ft^2	86.1 ft^2	107.6 ft^2
Net Coverage (approx.)	95 ft^2	95 ft^2	95 ft^2	76 ft^2	95 ft^2
Rolls Per Pallet	20	20	20	20	20

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

Note: Final choice of colors should be made from comparison with physical samples.

DIBITEN granular surfaced membranes are available in a wide range of colors and are only surfaced with **slate**. These membranes easily match or complement existing shingle or cap sheet roofs. DIBITEN Poly/4.5 Slate is made with imported slate flakes in a variety of colors.

PRODUCT TEST DATA

	DIBITEN Poly/4 Smooth	DIBITEN Poly/4.5 & 4.5 FR Slate	DIBITEN Poly/5 Smooth	DIBITEN Poly/4.5 CR G
Thickness	4.0 mm 0.160"	4.5 mm 0.180"	5.0 mm 0.200"	4.5 mm 0.180"
Load Strain Properties	Load Elong.	Load Elong.	Load Elong.	Load Elong.
@ 73.4 °F	MD 110 50% CD 75 50%	MD 110 50% CD 75 50%	MD 125 50% CD 85 50%	MD 100 51% CD 67 59%
@ 0 °F	MD 220 22% CD 150 25%	MD 220 21% CD 150 24%	MD 240 22% CD 200 25%	MD 133 12% CD 107 10%
Tear Resistance (lb)	MD 105 CD 75	MD 105 CD 75	MD 118 CD 95	MD 114 CD 85
Dimensional Stability	MD ≤ 0.50% CD ≤ 0.20%	MD ≤ 0.50% CD ≤ 0.20%	MD ≤ 0.50% CD ≤ 0.20%	MD ≤ 0.20% CD ≤ 0.05%
Low Temperature Flex	14° F	23° F	14° F	32° F

- DIBITEN APP Modified Bitumen membranes meet or exceed the criteria for ASTM 6222, Type I, Grades G (Slate Surfaced) and S (Smooth).
- UL Class A, R 10167 fire ratings.

SLATE GRANULES VS. MINERAL GRANULES

Advantages

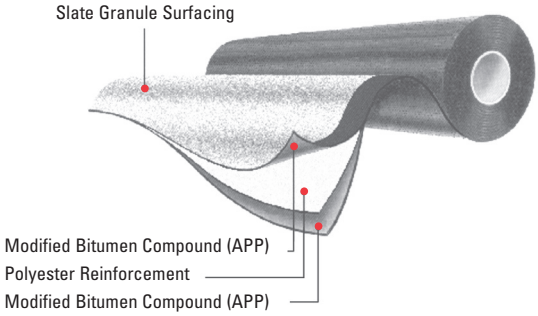
- Imported European slate surfacing
- Superior adhesion
- Slate granules lay flat, providing additional compound for easy application (more forgiving)
- Available in a wide range of colors
- Easily matches or compliments existing shingle or cap sheet roofs
- Lighter weight

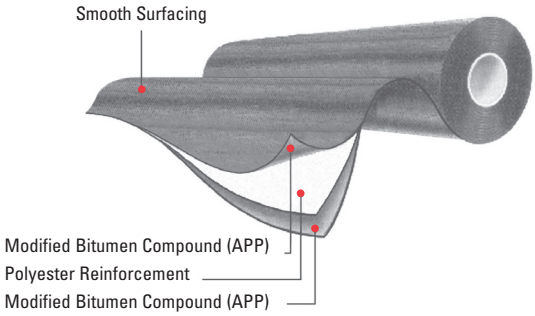
DIBITEN ROOFING MEMBRANES

Ideal for Residential, Commercial and Industrial Roofing Applications

DIBITEN Poly/4 APP (Heat Welded)

BASIC MODIFIED BITUMEN MEMBRANE COMPOSITION





DIBIFLASH APP

Dibiflash is a precut, smooth surfaced APP flashing membrane. Precut Dibiflash saves time and labor on larger jobs. Product data is as follows:

	Roll Weight (Nominal)	**Rolls Per Pallet** (Nominal)	**Weight Per Pallet** (Nominal)
Dibiflash 9 3/4" 3 mm	18 lb	100	1850 lb
Dibiflash 9 3/4"	22 lb	80	1850 lb

NOTE: DIBITEN roofing products are intended for use by professional roofers only, thoroughly trained and skilled in the use and handling of heat-welding equipment. If this product is to be heat weld, it represents a potential fire hazard. It is the sole responsibility of the applicator to exercise all appropriate safety precautions. DIBITEN assumes no responsibility for fire damage or any other result of misapplication.

Johns Manville

717 17th St.
Denver, CO 80202
(800) 922-5922

RS-9035 4-17 (Replaces 12-15)