

# Dibiten<sup>TM</sup>

*modified  
bitumen  
roofing  
product  
guide*

## Dibiten Poly/4.5 Granular (Slate Flake Finish) Color Samples

Brown



Terra  
Cotta



Desert  
Blend



Burgundy



Tan



White



Gray



Black





### **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.

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.

## Technical Data

Product	Dibiten Poly/4 Smooth	Dibiten Poly/4.5 Slate	Dibiten Poly/4.5 FR* Slate	Dibiten Poly/5 Smooth
Product Type	APP	APP	APP	APP
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	20	20	20

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

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.



## 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 .180"		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 118	CD 95
Dimensional Stability	MD ≤ .50% CD ≤ .20%		MD ≤ .50% CD ≤ .20%		MD ≤ .50% CD ≤ .20%	
Low Temperature Flex	14° F		23° F		14° F	

Dibiten APP 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.

## 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)**

### 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:

	<b>Roll Weight</b> (Nominal)	<b>Rolls Per Pallet</b> (Nominal)	<b>Weight Per Pallet</b> (Nominal)
Dibiflash 9 3/4"	22 lbs.	80	1850 lbs
Dibiflash 13"	30 lbs.	60	1850 lbs
Dibiflash 19 1/2"	44 lbs.	40	1850 lbs

### Dibiten Recommended Coatings & Adhesives

To be eligible for a Dibiten Limited Material Warranty, all exposed smooth surfaced products must be coated with an approved roof coating. Dibiten particularly recommends Johns Manville TopGard® Type A aluminum emulsion roof coating. Periodic maintenance and recoating is the responsibility of the building owner.

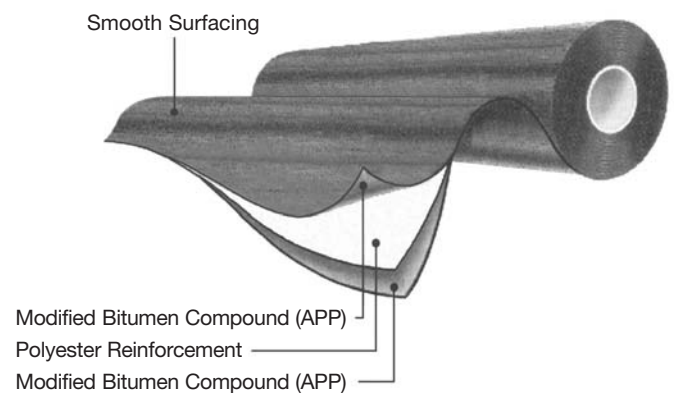
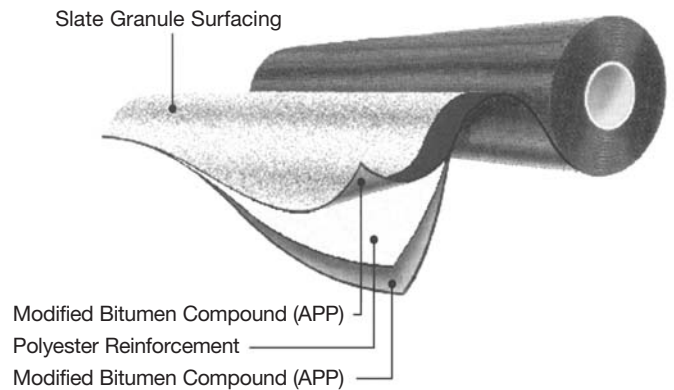
**Note:** Final choice of colors should be made from comparison with physical samples.

# dibiten™

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RS-9035 2-08 (Replaces 9-01)

### Basic Modified Bitumen Membrane Composition



**WARNING:** Dibiten roofing products are intended for use by professional roofers only, thoroughly trained and skilled in the use and handling of propane heat-weld equipment. If this product is to be propane heat-weld applied, 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.