

# DERBIBASE® HV

High Velocity APP Modified Bitumen Base & Ply Sheet

## ADVANTAGES

- ▶ **High quality** 3.0 mm (120 mil) smooth surfaced APP Modified Bitumen Roofing Membrane designed as a base or ply sheet
- ▶ Derbigum's **exclusive** blend of APP (atactic polypropylene) polymers and select asphalts enhances the weathering capabilities and UV resistance of the membrane.
- ▶ **Mid reinforced** with a 220 gram polyester mat combined with fiberglass runners that increase the membrane's strength and durability.
- ▶ DERBIBASE HV is a completely **water-proof** base ply for field and flashings when side and end laps are heat welded.
- ▶ Product can also be applied with PERMASTIC Cold Adhesive or mechanically fastened.



## TECHNICAL CHARACTERISTICS

CHARACTERISTIC	TESTED	ASTM Requirements Test Methods D6509		DERBIBASE HV Results*		UNITS
		MACHINE DIRECTION	CROSS DIRECTION	MACHINE DIRECTION	CROSS DIRECTION	
<b>Tensile Strength</b>	0 °F	70	70	<b>160</b>	<b>110</b>	lbf/in
	77 °F	50	50	<b>115</b>	<b>70</b>	lbf/in
<b>Elongation</b>	0 °F	1.0	1.0	<b>2.5</b>	<b>2.5</b>	%
	77 °F	2.0	2.0	<b>1.5</b>	<b>1.5</b>	%
<b>Tear Resistance</b>	77 °F	70	70	<b>155</b>	<b>115</b>	lbf
<b>Dimensional Stability</b>		1	1	<b>0.32</b>	<b>0.32</b>	%

  

CHARACTERISTIC	INITIAL	AGED	INITIAL	AGED	UNITS
<b>Cold Flex</b>	0	0	<b>-24</b>	<b>-22</b>	°C

Tested initially within 24 hours and again aged 28 days.

CHARACTERISTIC	MINIMUM	MINIMUM	UNITS
<b>Compound Stability</b>	275	<b>300</b>	°F
<b>MIT</b>	NA	<b>5</b>	%

\* All values shown are nominal and subject to normal manufacturing tolerances.

## PRODUCT INFORMATION

CHARACTERISTIC	U.S. CUSTOMARY	METRIC
<b>Thickness</b>	120 mil	3.0 mm
<b>Length</b>	49 ft 6 in	15.0 m
<b>Width</b>	39 3/8 in	1.0 m
<b>Weight</b>	108 lb	48.9 kg
<b>Net Coverage</b>	150 sq ft	13.9 sq m

ASTM Requirements Test Methods D6509

## PACKAGING & STORAGE

Packaged 20 rolls per pallet. Rolls should be stored on end, on raised platforms protected from the weather.



4800 Blue Parkway, Kansas City, MO 64130 | PHONE: 800.727.9872 | FAX: 816.924.1542 | WEBSITE: www.derbigum.us | EMAIL: info@derbigum.us

SDS available  
on request:  
(800) 727-9872  
www.derbigum.us

