

# DERBIBASE<sup>®</sup> ULTRA

*Smooth Surfaced APP Modified Bitumen Base & Ply Sheet*

## Product Description

- ▶ DERBIBASE ULTRA is a high quality APP modified bitumen membrane designed for use as a base sheet and/or ply sheet. DERBIBASE ULTRA is reinforced with a fiberglass mat to allow for added thickness to provide high tensile, tear and puncture resistance. DERBIBASE ULTRA may be used as a roofing and flashing base ply.
- ▶ May be applied in PERMASTIC Cold Adhesive, heat welded or mechanically fastened

## Technical Characteristics

	Units	DERBIBASE ULTRA Results*
		ASTM D 5147 Machine Direction / Cross Direction
Tensile Strength	77°F	150/150
Cold Flex	°C	-15°
Meets ASTM D 6509		

## Special Characteristics

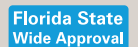
DERBIBASE ULTRA, with the side and end laps heat welded, is an excellent completely water-proof base ply for field and flashings. System is completed with a DERBIGUM, DERBICOLOR or a DERBIBRITE cap sheet.

## Product Information\*

	Test Method	Values	Units	Values	Units
Thickness	ASTM D 5147	120	mils	3.0	mm
Length	ASTM D 5147	49.5	ft	15.0	m
Width	ASTM D 5147	39.4	in	1.00	m
Net Coverage		150	sq ft	13.95	m <sup>2</sup>

## Storage

Rolls shall be stored on end on raised platforms and protected from the weather.



\* This document cancels and replaces any other document published previously. All values shown are nominal and subject to normal manufacturing tolerances.



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<p>Material Safety Data Sheet          May be used to comply with          OSHA's Hazard Communication Standard,          29 CFR 1910.1200.          Standard must be consulted for specific requirements.          IDENTITY (As Used on Label and List)          Deribase® Ultra</p>		<p>U.S. Department of Labor          Occupational Safety and Health Administration          (Non-Mandatory Form)          Form Approved OMB No. 1218-0072</p>	
<p><b>Section I – Product and Company Identification</b></p>		<p>APP Modified Bitumen Roofing Material</p>	
<p>Manufacturer's Name          Performance Roof Systems, Inc.</p>		<p>Emergency Telephone Number          800-727-9872</p>	
<p>Address          4821 Chelsea Ave. Kansas City, MO 64130</p>		<p>Telephone Number for Information          800-727-9872</p>	
<p>Date Prepared: January 1, 1995</p>		<p>Internet:          www.Derbigum.com</p>	
<p>Date Revised: April 15, 2009</p>		<p>Date Revised: April 15, 2009</p>	
<p><b>Section II – Hazardous Ingredients/Identity Information</b></p>			
<p>Hazardous Components Identity:          (Specific Chemical Common Name(s))</p>		<p>CAS NO. ACGIH TLV % (optional)</p>	
<p>Roofing Sheet composed of:</p>			
Petroleum Asphalt	8052-42-4	5 mg/m3*	50-70
Polypropylene	9003-07-0	Not established	18-30
Talc Stabilizer	14807-96-6	N/A	0-10
Calcium Carbonate	1317-65-3	5 mg/m3	5-23
Fiberglass Mat	65997-17-3	Not established	5-25
Sand Dusting (parting agent)	14808-60-7	10 mg/m3	3-25
Dry Talc Dusting (parting agent)	14807-96-6	N/A	3-15
<p>* As Fumes</p>			
<p><b>Section III - Physical / Chemical Characteristics</b></p>			
<p>Boiling Point</p>		<p>Specific Gravity (H<sub>2</sub>O = 1)</p>	
> 900°F	< 0.1	0.9 - 1.1	
<p>Vapor Pressure (mm Hg)</p>		<p>Melting Point</p>	
< 0.1	> 20	N/A	
<p>Vapor Density (AIR=1)</p>		<p>Evaporation Rate (Butyl Acetate = 1)</p>	
> 20	N/A		
<p>Solubility in Water: Nil</p>			
<p>Appearance and Odor: Black appearance, Characteristic petroleum, slight asphalt odor.</p>			
<p><b>Section IV - Fire and explosion Hazard Data</b></p>			
<p>Flash Point (Method Used)</p>		<p>Flammable Limits &gt;750°F</p>	
520-650° F. - ASTM D92		LEL 1% UEL 6%	
<p>Extinguishing Media: CO<sub>2</sub>, Foam, dry chemical</p>			
<p>Special Fire Fighting Procedures: Use air supplied breathing equipment for enclosed areas and treat as a fuel oil fire.</p>			
<p>Unusual Fire and Explosion Hazards: NONE</p>			
<p>In the event of fire, use normal fire fighting procedures to prevent inhalation of smoke and gases.</p>			
<p>(Reproduce locally)</p>			
<p>OSHA 174</p>			

<p><b>Section V - Reactivity Data</b></p>			
Stability	Unstable	Conditions to Avoid	
	Stable	X	N/A under normal warehouse storage
<p>Incompatibility (Materials to avoid): Avoid contact with concentrated acids, hydrocarbons, oils</p>			
<p>Hazardous Decomposition or Byproducts: Asphalt fumes may occur on overheating</p>			
Hazardous	May Occur	Conditions to Avoid	
	Will Not Occur	X	Overheating may cause fire
<p>Section VI - Health Hazard Data</p>			
Route(s) of Entry:		Inhalation?	Skin? Ingestion?
		Yes-During heat application of product generating asphalt fumes.	
<p>Health Hazards (Acute and Chronic)</p>			
<p>Acute: Nose and throat irritation. May cause dizziness.</p>			
<p>Chronic: There are no studies indicating asphalt causes cancer or respiratory damage in man.</p>			
Carcinogenicity:		NTP?	OSHA Regulated?
		IARC Monographs?	
<p>Signs and Symptoms of Exposure: Nose and throat, eye irritation</p>			
<p>Medical Conditions Generally Aggravated by Exposure: None Known</p>			
<p>Emergency and First Aid Procedures: Remove individual to fresh air. If irritation persists, seek medical attention.</p>			
<p><b>Section VII - Precautions for Safe Handling and Use</b></p>			
<p>Steps to Be Taken in Case Material is Released or Spilled: No special precautions: use good housekeeping</p>			
<p>Waste Disposal Method: Dispose of in accordance with local, state and federal regulations. If you are unsure of the regulations, contact your local Public Health Department, or the local Environmental Protection Agency (EPA).</p>			
<p>Precautions to Be Taken in Handling and Storing: Warehouse storage should be in accordance with package directions, if any, material should be kept on pallets and protected from moisture.</p>			
<p>Other Precautions: none</p>			
<p><b>Section VIII - Control Measures</b></p>			
<p>Respiratory Protection (Specify Type): N/A under normal conditions of use.</p>			
Ventilation	Local Exhaust	Special: None	
	Mechanical (General):	N/A Other	
<p>Protective Gloves:</p>			
<p>Yes, leather or cotton gloves are recommended.</p>			
<p>Other Protective Clothing or Equipment: Long sleeve shirt, trousers, smooth bottom work shoes.</p>			
<p>Work/Hygienic Practices: Wash hands after application.</p>			