

DERBIFLASH RS 230 FLASH

DESCRIPTION

Derbiflash RS 230 Flash resin is combined with fleece fabric to form a monolithic, self flashing and self-adhering reinforced field membrane for a variety of Derbiflash RS Systems interior and exterior waterproofing applications.

ADVANTAGES

- ▶ High performance liquid flashing for complex details
- ▶ Available in a summer or winter grade
- ▶ UV stable, high solids, VOC compliant.
- ▶ Easily applied using a brush or roller
- ▶ Available in white or pebble grey

LIMITATIONS

Performance Roof Systems advises that adhesion/peel tests be performed prior to application for concrete, masonry and other substrates where surface conditions may vary. Contact Technical Services for applicable recommendations.

STORAGE & HANDLING

Store containers away from excessive heat and oxidizing agents. Containers should be stored in a cool, dry indoor environment at temperatures between 32-77°F. Avoid prolonged rooftop storage or direct sunlight. PROTECT FROM FREEZING. Approximate shelf life is 12 months from date of shipment when properly stored, sealed and unmixed.

MIXING INSTRUCTIONS

Using a slow-speed (200-400 rpm) mechanical agitator, thoroughly mix the entire container of resin for two minutes before use. Only catalyze the amount of material that can be used within 10 -15 minutes. Add the pre-measured catalyst to the resin, stir for two minutes and apply to substrate. The amount of catalyst required is determined by resin weight and ambient temperature. Please refer to the catalyst mixing chart on the back side of this data sheet.

APPLICATION

After mixing, apply resin to prepared substrate at the required consumption using a roller or brush. The resin should be applied evenly onto the surface using care not to spread too thin or pool in low areas.

Prior to application, refer to published specifications and approved details for complete application instructions. The applicator is responsible for ensuring conditions are appropriate to proceed with proper application method.

COVERAGE RATES *

QUANTITY	COVERAGE
12 KG	~43 SQ FT

* Coverage rates are variable and dependent upon substrate and weather conditions.



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PRODUCT MIXING & WORKING TIMES

SUMMER FORMULATION		WINTER FORMULATION	
WORKING TEMPERATURE	PROPERTY	WORKING TEMPERATURE	PROPERTY
50 - 95°F	Ambient	23 - 68°F	
50 - 122°F	Substrate	23 - 68°F	
50 - 86°F	Resin	37 - 68°F	

WORKING TIMES* (at 68 °F)	PROPERTY	WORKING TIMES* (at 68 °F)
15 - 20 minutes	Pot Life	15 - 20 minutes
30 - 45 minutes	Rain Proof	45 - 60 minutes
1 - 1.5 hours	Next Layer	1 - 2 hours
3 - 6 hours	Fully Cured	5 hours

*All working and cure times are approximate and may vary upon wind, humidity and ambient/surface temperatures.

CATALYST RATES (per 12 KG)		PROPERTY	CATALYST RATES (per 12 KG)		
50 - 67°F	68 - 95°F	Ambient Temp	23 - 36°F	37 - 49°F	50 - 68°F
5	2.5	Catalyst Packets	7	5	2.5

*All working and cure times are approximate and may vary upon wind, humidity and ambient/surface temperatures.

TECHNICAL INFORMATION

Derbiflash RS 230 Flash Results*

PROPERTY	MD	XMD	ASTM
Peak Load @ 73.4°F control; lbf/in	70	60	D5147
Elongation @ 73.4°F control; %	55	70	D5147
Peak Load @ 73.4°F post heat aging; lbf/in	70	70	D5147
Elongation @ 73.4°F post heat aging; %	55	50	D5147
Peak Load @ 73.4°F post acc. weathering; lbf/in	75	75	D5147
Elongation @ 73.4°F post acc. weathering; %	55	55	D5147
Peak Load @ 0°F; lbf/in	130	110	D5147
Elongation @ 0°F; %	60	85	D5147
Tear Resistance @ 73.4°F; lbf	80	70	D5147
Dimensional Stability; %	0.1	0	D5147
Low Temperature Flexibility@ 32°F	Pass	Pass	D5147

PROPERTY	MINIMUM	ASTM
Static Puncture Resistance; lbf	Pass 56	D5602
Shore A Hardness	70	D2240
Water Absorption; %	0.8	D570 @ 212°F
Water Vapor Permeance; perms	0.2	E96
Low Temperature Crack Bridging	No cracks	C1305
Self-Ignition; °F	752	D1929
Smoke Density Index	105	E84
Rate of Burning; in/min	0.9	C635

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

