

# DERBIFLASH RS 222 PRIMER

## DESCRIPTION

Derbiflash RS 222 Primer is a rapid-setting, proprietary formulation polymethyl methacrylate (PMMA) primer designed to promote adhesion of Derbiflash RS components to BUR, Modified Bitumen and asphalt-based surfaces.

## TECHNICAL CHARACTERISTICS\*

PROPERTY	VALUE
<b>Color</b>	White
<b>Size</b>	10 KG
<b>VOC content</b>	< 5 g/L

PROPERTY/UNIT	VALUE	ASTM TEST METHOD
<b>Liquid Density</b> @ 73.4°F (23°C)	<b>8.7 lb/gal</b> (1.04 g/mL)	<b>D1475</b>
<b>Viscosity</b> @ 73.4°F (23°C)	<b>64 KU</b> (400 cPs)	<b>D562</b> Method A
<b>Impact Resistance</b> @ 73.4°F (23°C)	<b>Shore A: 78</b>	<b>D2240</b>

## SURFACE PREPARATION

All surfaces must be free of gross irregularities, loose, unsound or foreign material. Included, but not limited to, conditions are dirt, moisture, oil, grease, release agents, paints and coatings, lacquers, excess granules, roof cements, loose granules or any other substances that may prohibit adhesion.

## 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 and stir for two minutes before applying to substrate. The amount of catalyst required is determined by resin weight and ambient temperature. Refer to the catalyst information below.

CATALYST RATES (per 10 KG)			
<b>Ambient Temperature</b>	32 - 49°F	50 - 68°F	69 - 95°F
<b>Catalyst Required</b>	<b>6</b> 0.1 KG packets	<b>4</b> 0.1 KG packets	<b>2</b> 0.1 KG packets



## APPLICATION

WORKING TIMES* (at 68°F)	
<b>Pot Life</b>	15 minutes
<b>Rain Proof</b>	30 minutes
<b>Next Coat</b>	45 minutes
<b>Fully Cured</b>	3 hours

WORKING TEMPERATURES	
<b>Ambient Temp</b>	32 - 95°F
<b>Substrate Temp</b>	32 - 122°F
<b>Resin Temp</b>	37 - 86°F

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

COVERAGE	
10 KG	~ 269 SQ FT

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

## LIMITATIONS

Performance Roof Systems advises that adhesion/peel tests be performed prior to application to ensure adequate bond can be achieved. Contact Technical Services for applicable recommendations.

Recommended minimum cure and maximum re-coat times should be followed for all primers. When primer is left exposed to the elements for longer than the recommended period or has been contaminated or damaged beyond cleaner or repair, the primer must be completely removed and re-applied.

## STORAGE & HANDLING

Derbiflash RS 222 Primer is highly flammable. Store containers away from excessive heat and open flames. Containers should be stored in a cool, dry indoor environment at temperatures between 32 - 77°F. PROTECT FROM FREEZING. Approximate shelf life is 12 months from date of shipment when properly stored, sealed and unmixed.