

DERBIFLASH RS 276 PRIMER

DESCRIPTION

Derbiflash RS 276 Primer is a rapid-setting, proprietary formulation polymethyl methacrylate (PMMA) primer designed to promote adhesion of Derbiflash RS components to concrete, masonry and other substrates.

TECHNICAL CHARACTERISTICS *

PROPERTY	VALUE
Color	Clear
Size	10 KG
VOC content	<5 g/L

PROPERTY/UNIT	VALUE	ASTM TEST METHOD
Liquid Density @ 73.4°F (23°C)	8.7 lb/gal (1.04 g/mL)	D1475
Viscosity @ 73.4°F (23°C)	69 KU (510 cPs)	D562 Method A
Impact Resistance @ 73.4°F (23°C)	Shore A: 87	D2240

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

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.

Ambient temperatures must be between 32 - 95°F. Do not attempt application if substrate temperatures are <122°F. Do not attempt application if ice, snow, moisture or dew are present. Temperatures should be a minimum of 5 degrees above the dew point.

STORAGE & HANDLING

Derbiflash RS 276 Primer is 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.

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)			
Ambient Temperature	32 - 49°F	50 - 68°F	69 - 95°F
Catalyst Required	6 0.1 KG packets	4 0.1 KG packets	2 0.1 KG packets



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.

WORKING TIMES* (at 68 °F)	
Pot Life	15 minutes
Rain Proof	30 minutes
Next Coat	30 minutes
Fully Cured	2 hours

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

COVERAGE RATES *

QUANTITY	COVERAGE
10 KG	~ 269 SQ FT

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

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 the primer too thin or pool in low areas.

Allow primer to fully cure before applying the next Derbiflash RS component. Changing project conditions should be monitored throughout the day to adjust primer cure time.

NOTE: 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 the primer must be completely removed and re-applied.