

RamFlash PMMA Primer

Two-part Polymethyl Methacrylate Primer



Description

RamFlash PMMA Primer is a two-part quick-curing primer for porous and non-porous substrates to prepare for the application of RamFlash PMMA Membrane.

Uses

RamFlash PMMA Primer is designed to prepare substrates for the RamFlash PMMA Membrane system to be used in conjunction with RamTough 250 and/or Black Pearl Membranes.

Storage

Always store in cool and dry location. Do not store in direct sunlight or in temperatures below 35°F (1.7°C) or above 80°F (27°C). Approximate shelf life 12 months with proper storage. RamFlash PMMA Catalyst Powder must be stored separately.

Catalyst Powder Requiements

Material Temp °F	Catalyst Powder (100g/bag)	Pot Life (min)	Completely Cured (min.)
35°F - 50°F	2 bags	20	45
50°F - 64°F	2 bags	20	30
65°F - 85°F	1 bag	15	30
>85°F	1/2 bag	10	15

Properties

Description	Measurement
Color	Transparent
Physical State	Cures to solid
VOC Contents	62 g/l
Usage Time*	15 minutes
Water Resistant After*	30 minutes
Cures After*	30 minutes
Apply Membrane/Coating After*	30 minutes



5 kg units-Approximately 1-gallon units
Area 125 sq ft

Surface Preparation

All surfaces must be free from gross irregularities, loose, unsound or foreign material such as dirt, ice, snow, water, grease, oil, release agents, lacquers, or any other condition that would be detrimental to adhesion of the primer and membrane. This requires careful preparation of existing horizontal and vertical substrates; cracks are filled, expansion joints are prepared, flashings are removed or modified, and termination points are determined. Substrates and penetrations are prepared to rigorous industry standards, and may require scarifying, sandblasting or grinding in some cases to achieve a suitable substrate.

NOTE: Prior to opening the containers of RamFlash Primer, wear appropriate safety glasses and protect hands and wrists by wearing gloves.

Material Preparation

RamFlash PMMA Primer may be applied when the ambient temperature is between 35°F (2°C) and rising. The substrate temperature must be a minimum of 5 degrees above the dew point. RamFlash PMMA Membrane must be applied to primer within 48 hours of primer application. Primer exposed for more than 48 hours must be re-primed.

Provide and maintain positive airflow over freshly applied RamFlash materials during entire curing period to facilitate complete cure. Natural airflow is typically sufficient for exterior applications, but locations such as beneath large mechanical units, at inside corners, at the base of high walls, and other similar areas where stagnant air may occur should be provided with powered fans.

Step 1: Mix RamFlash PMMA Primer with a spiral agitator, until the liquid is a uniform color, with no streaks present.

Step 2: Add the 100 g RamFlash PMMA Catalyst Powder to RamFlash PMMA Primer according to temperature table and mix with the same agitator for 2 minutes or until the powder is completely mixed throughout the liquid resin. The amount of Catalyst Powder must be adjusted according to the ambient temperature (see table).

NOTE: RamFlash PMMA Primer is extremely fast curing. Excessive mixing time reduces the available working time for the Primer.

Step 3: Apply RamFlash PMMA Primer with a nap roller or brush.

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