PMMA Catalyst

Technical Data Sheet

PRODUCT DESCRIPTION

United Coatings™ PMMA Catalyst is a reactive agent used to induce curing of **United Coatings™ PMMA Flashing Resins. PMMA Catalyst** is supplied as a white granular powder in premeasured packets.

PACKAGING & SHELF LIFE

Available in a specifically designed vented box containing 10 premeasured 0.1 kg (100 grams) (3.2 oz) plastic bags (1 kg total). A 1-tablespoon measuring scoop is included in each box. One (1) tablespoon equals approximately 0.01 kg of **United Coatings™ PMMA Catalyst**.

Shelf life 12 months from date of manufacture in unopened containers, in a clean and well-ventilated area at 32°F – 77°F (0°C – 25°C). **DO NOT** store in direct sunlight. Storage for continued periods outside this temperature range may shorten shelf life. **United Coatings™ PMMA Catalyst** should not be used if the shelf life has expired.

GAF
1 Campus Drive
Parsippany, NJ 07054
1-800-ROOF-411
gaf.com

GAF Liquid-Applied

December 2017

BASIC USES & ADVANTAGES

United Coatings™ PMMA Catalyst is to be mixed with **United Coating™ PMMA Resin – Summer** or **Winter Grade. United Coatings™ PMMA Flashing Resin – Summer & Winter Grade** are designed to reinforce areas of BUR and SBS substrates that are heavily alligatored or contain numerous cracks, seams, joints, or splits.

Advantages:

- Premeasured packets for easier mixing

PHYSICAL PROPERTIES

UNITED COATINGS™ PMMA CATALYST	
Application Temperature (Air)	59°F (15°C) – 104°F (40°C)
Application Temperature (Surface)	50°F – 122°F (10°C – 50°C)
Colors	White

APPLICATION INSTRUCTIONS

Storage & Handling: United Coatings™ PMMA Catalyst should be stored in its box at all times until just prior to use. Materials stored on the project site during application should be kept on a pallet in a shaded, well-ventilated area. In unshaded areas, materials should be covered with a white, reflective tarp in a manner that allows for air circulation beneath the tarp.

PMMA Catalyst is stable if stored and used in accordance with GAF guidelines. **PMMA Catalyst** is heat sensitive and should be stored under controlled conditions to ensure that the reactivity/effectiveness is not compromised as well as for safety reasons. **PMMA Catalyst** should not be exposed to temperatures in excess of 122ºF (50ºC). Product exposed to temperatures in excess of 122ºF (50ºC) may experience hazardous self-accelerating decomposition. Self-accelerated decomposition is signaled by the presence of bright white smoke and the process can generate high temperatures, depending on the environmental conditions and quantity of product.

Mixing & Catalyzing: United Coatings™ PMMA Flashing Resin – Summer & Winter Grade is a two-part system which must be mixed with **United Coatings™ PMMA Catalyst**. If batch mixing, thoroughly mix the entire drum of resin for 2 to 3 minutes prior to pouring resin into a second container. Catalyze only the amount of resin that can be used within the anticipated pot life. Add premeasured catalyst to the resin, stir for 2 minutes using a slow-speed mechanical agitator or mixing stick, and apply to the substrate. The amount of catalyst needed is based on the weight of the resin used, and varies with the ambient temperature as shown in the chart below. Pot life is approximately 15 minutes at 68°F (20°C). Pot life will be reduced if the resin is at higher temperatures. Pot life can be maximized by storing product under controlled conditions and ensuring that the resin is at the lower end of storage temperature range during/following the addition of catalyst and prior to application.

For Application Questions: Contact GAF Technical Services at 1-800-766-3411 or visit gaf.com.

LIMITATIONS & PRECAUTIONS

IMPORTANT: Repair leaks promptly to avoid adverse effects, including mold growth.

- Do **NOT** apply on wet substrates.
- Do **NOT** heat container.
- Do **NOT** attempt to thin product.
- Do **NOT** apply if rain, dew, fog, heavy moisture condensation, or freezing temperatures are in the 24-hour forecast.

continued on next page

SAFETY & HANDLING

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet (SDS).

CLEANUP

Clean up spills immediately and dispose of waste safely. Use explosion-proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Spillage should be wetted or immersed in water. Minimize generation of dust. Eliminate all ignition sources.

GAF
1 Campus Drive
Parsippany, NJ 07054
1-800-ROOF-411
gaf.com