

K-CATALYST^M

Thickening and Reinforcing



DESCRIPTION

K-CATALYST is an aramid fiber that may be added to approved Weather Barrier coatings to boost viscosity and adjust the rheological behavior to individual application requirements. K-CATALYST will thicken the coating to a paste or caulk-like consistency, enabling the coating to be used for repairs, preparation work, and other activities that require a thickened material. K-CATALYST may be added in precise measured amounts to achieve the intended characteristics required by the applicator.

OUTSTANDING FEATURES

- Provides the exact coating application control demanded by the professional applicator
- Allows exact color matching of detail and reinforcement material with the entire coating application
- Provides rheological adjustment to improve film thickness yield on steep pitch profiles
- Reacts rapidly to achieve target viscosity
- Maintains excellent "wet edge" to accurately transition-in patched areas
- Provides reinforcement and added strength to the modified coating

APPLICATION

Before use, also read the product data sheet for the product that is being combined with K-CATALYST. By order of the United States Government, this product must not be used for any illegal or military purpose, or be exported to any prohibited country. K-CATALYST may be used with WB M.C.U. The use of K-CATALYST with any other Weather Barrier product should only be attempted after thorough consultation with the Weather Barrier Technical Department.

Add approximately ½ of a 1 pound unit of K-CATALYST into a 5 gallon pail of Weather Barrier coating and stir thoroughly and vigorously for at least 3 minutes, using an WB ProPower Mixer or similar effective

mechanical device. The K-CATALYST is microscopically similar to a mass of tight springs that need to be pulled apart with high shear mixing to achieve maximum performance. After thorough homogeneity has been achieved, let the mixture sit for approximately 3 to 5 minutes. This will allow trapped air bubbles to rise up and escape from the mixture and for the associative thickening effect to develop. If the viscosity is still not sufficient for the purpose required, additional K-CATALYST may be added and the above procedure repeated until the target rheology is achieved. Then apply the mixed coating, following the instructions on the coating's container label.

LIMITATIONS

K-CATALYST will reduce the pot life of M.C.U. to six hours.

SPECIFICATIONS	
Product Type	Aramid Fiber
Pot Life	Variable (See Limitations Section)
Shelf Life	12 months from date of manufacture
Usage Ratio	Variable (see Application Section)
Packaging	1 pound unit
Appearance	Fluffy yellow powder
V.O.C. Content	Negligible

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Contact Weather Barrier’s Technical department for the pot life estimates of other Weather Barrier products. A powerful mixer is essential for best results. Keep K-CATALYST dry, as it is ineffective if wet.

PRECAUTIONS

READ AND UNDERSTAND THE ENTIRE K-CATALYST MATERIAL SAFETY DATA SHEET BEFORE APPLICATION.

ALSO, READ THE MSDS FOR THE PRODUCT BEING COMBINED WITH K-CATALYST.

K-CATALYST is a light, fluffy powder that may become airborne during the mixing procedure, causing a breathing irritation. Consequently, ventilation and good organization of the designated mixing area are important. The mixing process should be properly grounded against static discharge and free of heat, sparks, flame, and other

ignition sources. If K-CATALYST is inhaled, swallowed, or in the event of eye contact, get medical assistance immediately.

Keep out of reach of children and pets.

For additional information, contact the Weather Barrier Technical Department

TECHNICAL DATA	
Chemical Type	Aramid Fiber
Physical Form	Fibrous Powder
Total Solids	100%
Specific Gravity	0.9
V.O.C. Content	Zero grams/liter

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