

PremiBlend CT

Catalyst Blend Additive

Overview

Carlisle Roof Foam and Coatings' PremiBlend CT Catalyst Blend is an additive to used adjust the reactivity for PremiSEAL spray polyurethane foam (SPF) B Component Resin. It is an advanced blend intended for use by qualified contractors trained in the processing and application of the PremiSEAL SPF products.

Intended Uses

At times, contractors may need to speed up the reactivity of PremiSEAL SPF on the jobsite for a quality application. In these cases, a small amount of PremiBlend CT can be added to the B Component Resin per instructions below. At this time, Carlisle Roof Foam and Coatings does not have an additive to slow reactivity levels.

Reactivities

PremiSEAL Reactivities	Recommended Ambient Temp Range
VS (Very Slow)	100° – 125°F (38° – 52°C)
S (Slow)	85° – 110°F (29.5° – 43°C)
R (Regular)	65° – 90°F (18° – 32°C)
F (Fast)	50° – 75°F (10° – 24°C)
VF (Very Fast)	40° – 55°F (4.5° – 13°C)

Addition By Weight Measurement

Add to full 500 lb. Drums of Resin (B)

From	To			
	PremiSEAL 40/60/70/80 Slow	PremiSEAL 40/60/70/80 Regular	PremiSEAL 40/60/70/80 Fast	PremiSEAL 40/60/70/80 Very Fast
PremiSEAL 40/60/70/80 Slow	X	3.00 lbs.	7.50 lbs.	10.00 lbs.
PremiSEAL 40/60/70/80 Regular	X	X	4.50 lbs.	7.00 lbs.
PremiSEAL 40/60/70/80 Fast	X	X	X	2.50 lbs.
PremiSEAL 40/60/70/80 Very Fast	X	X	X	X

Addition By Volume Measurement

Add to full 500 lb. Drums of Resin (B)

From	To			
	PremiSEAL 40/60/70/80 Slow	PremiSEAL 40/60/70/80 Regular	PremiSEAL 40/60/70/80 Fast	PremiSEAL 40/60/70/80 Very Fast
PremiSEAL 40/60/70/80 Slow	X	48 fl. oz.	120 fl. oz.	160 fl. oz.
PremiSEAL 40/60/70/80 Regular	X	X	72 fl. oz.	112 fl. oz.
PremiSEAL 40/60/70/80 Fast	X	X	X	40 fl. oz.
PremiSEAL 40/60/70/80 Very Fast	X	X	X	X

Mixing Instructions

- PremiBlend CT is an additive to PremiSEAL SPF B Component. Condition B Component to between 60° – 80° F prior to mixing.
- Carefully measure by weight or volume the amount of PremiBlend CT referenced in the charts above. Use a collapsible blade mixing wand on a ½ to ¾ hp mixer to slowly mix the catalyst blend into the full resin drum. Gently mix the additive into the drum for a minimum of 30 minutes and no more than 1.
- Caution: do not mix vigorously. Vigorous mixing of B Component or resin materials that are over 75° – 80°F (25°–27°C) can easily froth the material or result in blowing agent loss.

Liquid Properties and Characteristics

Packaging	5-gallon pail
Shelf Life	6 months when stored in original unopened containers in dry area between; 40°F (4.5°C) and 80°F (26.7°C).

Shipping Information

Container Size	Gross Weight	Class
5-gallon pail (18.9 L)	35 lbs. (15.9 Kg)	
D.O.T. Classification: Amines, Liquid, Corrosive, N.O.S. Hazard Class 8	Protect from freezing (40°F/4.5°C) during shipping and storage.	2735

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