

# PremiBlend CT

## Catalyst Blend Additive

### Overview

Carlisle Roof Foam and Coatings' PremiBlend CT Catalyst Blend is an additive used to adjust the reactivity for PremiSEAL™ and PremiR+™ 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 or PremiR+ SPF products.

### Intended Uses

At times, contractors may need to speed up the reactivity of the PremiSEAL or PremiR+ 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/PremiR+ 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)

### PremiSEAL 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	3.0 lbs.	7.5 lbs.	10.0 lbs.
PremiSEAL 40/60/70/80 Regular	X	X	4.5 lbs.	7.0 lbs.
PremiSEAL 40/60/70/80 Fast	X	X	X	2.5 lbs.
PremiSEAL 40/60/70/80 Very Fast	X	X	X	X

### PremiSEAL 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

## PremiR+ Addition By Weight Measurement

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

From	To			
	PremiR+ Slow (all densities)	PremiR+ Regular (all densities)	PremiR+ Fast (all densities)	PremiR+ Very Fast (all densities)
PremiR+ Slow (all densities)	X	2.5 lbs.	6.3 lbs.	10.0 lbs.
PremiR+ Regular (all densities)	X	X	3.8 lbs.	7.5 lbs.
PremiR+ Fast (all densities)	X	X	X	3.7 lbs.
PremiR+ Very Fast (all densities)	X	X	X	X

## PremiR+ Addition By Volume Measurement

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

From	To			
	PremiR+ Slow (all densities)	PremiR+ Regular (all densities)	PremiR+ Fast (all densities)	PremiR+ Very Fast (all densities)
PremiR+ Slow (all densities)	X	40 fl. oz.	101 fl. oz.	160 fl. oz.
PremiR+ Regular (all densities)	X	X	61 fl. oz.	120 fl. oz.
PremiR+ Fast (all densities)	X	X	X	59 fl. oz.
PremiR+ Very Fast (all densities)	X	X	X	X

## Mixing Instructions

- PremiBlend CT is an additive to PremiSEAL or PremiR+ 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 hour.
- 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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