

## BUILDING STRENGTH

Does your project require a unique product? Dayton has a cure and seal to fit any of your project's specifications:

- ◇ DOT Approval
- ◇ CDPH v1.2 Tested
- ◇ VOC Compliant
- ◇ Low Viscosity/Cold Weather

Cure and seals offer a variety of benefits:

- ◇ Increase surface durability
- ◇ Increase compressive strength
- ◇ Increase life of concrete
- ◇ Provide lasting protection

### ASTM C309 vs. C1315

The requirements of C1315 are harder to pass in regards to:

- ◇ Solids content
- ◇ Water loss
- ◇ Reflectance

To view technical data sheets, safety data sheets, DOT approvals, product certifications, and usage and selection guides, please visit our website at [www.daytonsuperior.com](http://www.daytonsuperior.com)

# CURE AND SEALS

## Cures vs. Cure and Seals: What's the Difference?

Curing compounds and Cure and Seals both maintain the mix water in concrete to ensure full and proper hydration of the concrete as it cures. The main difference is that curing compounds are meant to be removed - either naturally through dissipation or physically. Cure and Seals are designed to remain, providing a longer-lasting seal for additional protection. They can be reapplied over time to extend that protection.

### ASTM C1315

Cure and Seals are generally tested to ASTM C1315 but there are some that only pass ASTM C309. The Types and Classes of C1315 are defined as follows:

#### Type:

- I: Clear
- II: White Pigmented

#### Class:

- A: Non-yellowing
- B: Moderate yellowing
- C: Severe yellowing

### WATER-BASED

C1315 Type I, Class A

#### Cure & Seal 1315 EF

Earth-friendly, indoor use option with 30% solids. MAS Green Certified. Less than 100 g/L VOCs.

#### Cure & Seal 1315 J22WB

High-gloss with 25% solids. Less than 350 g/L VOCs.

#### C309 Only

C309 Type 1, Class A&B

#### Cure & Seal 309 EF

Earth-friendly, indoor use option with 15% solids. Approved to C309 Type 1, Class A&B only. MAS Green Certified. Less than 100 g/L VOCs.

#### Cure & Seal 309 J18

Indoor use option with 16% solids. Approved to C309 Type 1, Class A&B only. Less than 200 g/L VOCs.

### SOLVENT-BASED

C1315 Type I, Class A

#### Cure & Seal LV 25% J20UV

Low viscosity, cold weather option with 25% solids. Less than 700 g/L VOCs.

#### Cure & Seal 25% J22UV

High-gloss with 25% solids. Less than 700 g/L VOCs.

#### Cure & Seal 30% J23UV

High-gloss with 30% solids. Less than 700 g/L VOCs.

C1315 Type II, Class A&B

#### KC White Acrylic 25%

White pigmented to meet C1315 Type II with 25% solids. Less than 700 g/L VOCs.

### EXEMPT-SOLVENT

C1315 Type 1, Class A

#### Cure & Seal 25% J20LVOC

LVOC solvent-based with 25% solids. Lower viscosity, cold weather option. Less than 350 g/L VOCs.

#### Cure & Seal 30% J23LVOC

LVOC solvent-based with 30% solids. Less than 350 g/L VOCs.

## How do I choose?

Consider the requirements or restrictions below to help select the correct product.

Water  
or  
Solvent

Indoor  
or  
Outdoor

VOC  
Content

Solids  
Content

Temp  
Range

# CROSS REFERENCE GUIDE

## CURE AND SEALS

Dayton Superior	Euclid Chemical	Master Builders	Nox-Crete	SpecChem	W.R. Meadows
Cure & Seal 309 EF	Diamond Clear VOX	MasterKure CC 200WB	Cure & Seal 100E	Cure & Seal WB	Vocomp 20
Cure & Seal 309 J18	Aqua-Cure VOX	MasterKure CC 180 WB	Cure & Seal 150E	Cure & Seal WB	
Cure & Seal 1315 EF	Super Aqua-Cure VOX			Cure & Seal WB 30	Vocomp 30
Cure & Seal 1315 J22WB	Super Diamond Clear VOX	MasterKure CC 1315WB	Cure & Seal 250E	Cure & Seal WB 25	Vocomp 25
Cure & Seal LV 25% J20UV		MasterKure CC 250SB	Cure & Seal 1315 A	Cure & Seal 25	CS-309-25
Cure & Seal 25% J22UV	Diamond Clear	Master Kure 250SB		Cure & Seal 25 UV	CS-309-25
Cure & Seal 30% J23UV	Super Diamond Clear	MasterKure CC 300SB		Cure & Seal 30	CS-309-30
Cure & Seal 25% J20LVOC	Diamond Clear 350			Cure & Seal 25 UV EX	CS-309-25 OTC
Cure & Seal 30% J23LVOC	Super Diamond Clear 350			Cure & Seal 30 EX	CS-309-30 OTC
Dayton Superior	L&M/Laticrete	ChemMasters	Kaufman Products	Sika	Lambert Corp.
Cure & Seal 309 EF	Dress & Seal WB				Crystal Clear Seal WB
Cure & Seal 309 J18	Dress & Seal WB	Polyseal 309-A			Crystal Clear Seal WB
Cure & Seal 1315 EF	Dress & Seal WB 30		Krystal 30 Emulsion		Crystal Clear Seal 30 WB
Cure & Seal 1315 J22WB	Dress & Seal WB 25	Polyseal WB	Krystal 25 Emulsion		Crystal Clear Seal 1315 WB
Cure & Seal LV 25% J20UV					Crystal Clear 1315 SB
Cure & Seal 25% J22UV	Dress & Seal	Certi-Vex AC1315	Krystal 25		Crystal Clear 1315 SB
Cure & Seal 30% J23UV	Dress & Seal 30	Certi-Vex AC1315 HG	Krystal 30		Crystal Clear Seal 30 SB
Cure & Seal 25% J20LVOC			Krystal 25 OTC		
Cure & Seal 30% J23LVOC		Certi-Vex AC1315 Super Seal HG	Krystal 30 OTC		

For more cross reference materials, please visit [www.daytonsuperior.com/chemical-cross-reference](http://www.daytonsuperior.com/chemical-cross-reference) or input a competitor's product name into the search box at [www.daytonsuperior.com](http://www.daytonsuperior.com).