



**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)

## 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       | Vocomp 30                  |
| 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).