

### Kit Code: 58VJB; Base 58ZJ9; Curing Agent 98CJB

Formerly Jones-Blair 3200

**Description:** Chem-O-Pon W/R is a water-reducible epoxy topcoat designed to give a tile-like appearance.

**Recommended use:** Industrial OEM finishing of ceramic tiles requiring a fast drying epoxy with a smooth finish. Also used as a durable maintenance coating for applications on interior poured concrete, concrete block, drywall, metal, and wood.

**Features:**

- Fast drying.
- Chemical and stain resistant.
- Abrasion resistant.
- Excellent extended recoatability.

### Physical constants:

Color/Shade code: Transparent Base/00050 (tintable)  
Finish: Gloss  
Volume solids: 51% ± 1  
Theoretical spreading rate: 556 ft<sup>2</sup>/US gallon [13.65 m<sup>2</sup>/liter] – 1.5 mils [63 microns]  
Flash point: 190°F/88°C  
Specific gravity: 12.2 lbs/US gallon [1.46 kg/liter]  
Viscosity: 17" – 23", Zahn 3  
Touch dry: 1 hour, 68°F/20°C  
Through dry: 6 hours, 68°F/20°C  
VOC content: 49 g/liter [0.40 lbs/US gallon]  
*The physical constants stated are nominal data according to the Hempel Group's approved formulas. VOC may be dependent on color.*

### Application details:

Product / Mix ratio: Base 58VJ9 : Curing agent 98CJB / 1 : 1 by volume (OR) by weight  
Application method: Airless spray / Air spray / Brush  
Thinner (max. vol.): Water (0 – 5%) / Water (5 – 15%) / Not required  
Pot life: 2 – 4 hours, 68°F/20°C (for best performance; gel time, 16 hours)  
Nozzle orifice: 0.013" – 0.015"  
Nozzle pressure: 2,000 psi [138 bar]  
*(Airless spray data are indicative and subject to adjustment)*  
Cleaning of tools: Water  
Indicated film thickness, dry: 1.8 – 2.7 mils [45 – 70 microns]  
Indicated film thickness, wet: 5.1 – 7.8 mils [130 – 200 microns]  
Overcoat interval, min: 2 hours, 68°F/20°C  
Overcoat interval, max: See Overcoating on Page 2

**Surface preparation, new build:**

- Remove oil, grease, etc. thoroughly with suitable detergent.
- Remove salts and other contaminants by high pressure fresh water cleaning.
- All poured and precast concrete must be seep blasted or acid etched to remove laitance.
- Concrete, Plaster, and Masonry: Cure at least 30 days before painting. pH must be 10.0 or lower. Remove laitance and roughen poured or pre-cast concrete by acid etching or abrasive sweeping. Rinse thoroughly with water and allow to dry.
- Drywall: No extra preparation necessary. Directly apply primer.
- Glazed Brick, Ceramic Tile and Fiberglass: Scuff, and sand, or directly apply primer.

**Application conditions:**

- Surface must be completely clean and dry at the time of application.
- Ensure adequate ventilation.
- Air and surface temperature must be above the dew point to avoid condensation.
- Paint temperature should be between 59°F – 77°F [15°C – 25°C] for best performance.
- Minimum temperature for curing is 44°F/7°C.

- Preceding coat:** According to specification. Recommended systems are: Multi-Grip II Acrylic Primer.
- Subsequent coat:** None, Chem-O-Pon W/R, or according to specification.
- Overcoating:** Can be overcoated without sanding up to 6 weeks after application. Longer times require pressure washing or sanding.

### Additional information:

- Mixing/stirring:** Power stir the base, then add hardener to base and power stir for 3 minutes. Do not introduce air into coating.
- Storage/shelf life:**
- Store in a cool area to ensure full shelf life. Recommended temperature: 75°F/23°C.
  - Shelf life: 58ZJ9 and 98CJB, 3 years.
- Safety:** Handle with care. Use with adequate ventilation. Before and during use, observe all safety labels on packaging and paint containers, consult product Safety Data Sheets and follow all local or national safety regulations.

**Note:** Chem-O-Pon W/R is for professional use only.

**Issued by:** Hempel (USA) – 58VJB

This Product Data Sheet (“PDS”) relates to the supplied product (“Product”) and is subject to updating from time-to-time. Accordingly, the buyer/applicator should have regard to the PDS supplied together with the relevant batch of the Product (and not an earlier version). In addition to the PDS, the buyer/applicator may receive some or all of the following specifications, statements and/or guidelines as listed below or as are available from the Hempel website under ‘Products’ at [www.hempel.com](http://www.hempel.com) (the “Additional documents”):

No.	Document description	Location/comments
1.	Technical Statement	One-off specific advice provided on request for specific projects
2.	Specification	Only issued for specific projects
3.	PDS	This document
4.	Explanatory Notes to the PDS	Available at <a href="http://www.hempel.com">www.hempel.com</a> and contain relevant information about the Product testing parameters
5.	Application Instruction	Where available, at <a href="http://www.hempel.com">www.hempel.com</a>
6.	Generic technical guidelines (e.g. on application and surface preparation)	Where available, at <a href="http://www.hempel.com">www.hempel.com</a>

In the event of a conflict of information between the PDS and the Additional documents, the order of priority of information shall be in the order as set out above. In such event you should also contact your representative at Hempel for clarification. Furthermore, the buyer/applicator must have full regard to the relevant Safety Data Sheet provided with each Product and which can also be downloaded from [www.hempel.com](http://www.hempel.com).

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