

# Spec/Data

## CR40

### Alkyd Metal Rust Primer

#### Product Information

CR40 is an alkyd-based long oil rust inhibitive metal primer for use under the Adurel coating products. Can be used for sealing rust on decking under insulation in low slope reproofing projects.

#### Recommended Uses

For use over prepared:  
Rusty metal

#### Product Characteristics

**Solids by Weight:** 72 min

**Solids by Volume:** 50 min

**Weight per Gallon:** 12 lbs.

**Color:** Light Gray

**Viscosity:** ASTM D 1475 77°F 500 cps

**Flash Point:** +55°F

**VOC – Max:** 364 g / l

**Recommended Spreading Rate per Coat:** 250 sq. ft. / gal.

**Drying Schedule @ 8.0 mils wet @ 50% RH:**

	50°F	77°F	100°F
To Touch	1.5 hrs.	30 mins.	15 mins.
Tack Free	4 hrs.	1 hr.	30 mins.
To Recoat	4 hrs.	3 hrs.	2 hrs.

*Drying time is temperature, humidity, and film-thickness dependent.*

**Cleanup:** Mineral spirits.

#### Application Conditions

**Temperature:** 30°F and rising

**Relative Humidity:** 97% Maximum

#### Ordering Information

**Packaging:**

<u>Container Size</u>	<u>Weight</u>	<u>Class</u>
5-gallon pail	60 lbs.	55

D.O.T. Shipping Information: Flammable Liquid UN 1263,  
Packing Group 11 Class 3.

HMIS: Health 2, Flammability 2, Reactivity 0, Protection G

#### Application Information

##### Procedures

Apply to clean and dry surfaces at a rate of 200-400 sq. ft. / gal. Do not apply too heavily and allow material to puddle. Do not apply finish coats until material has fully cured.

##### Brush

Use nylon or polyester brushes, do not over brush or apply too heavily.

##### Rollers

Use 12 rollers for back-rolling large areas. Use 3/4" nap high-grade synthetic heads with phenolic cores.

##### Spray Gun

Pressure: 3000 psi at 1-1.5 gal. / min for high volume

Tip: .017-.025 reversible, self-cleaning, with 40-50° fan angle

Gun: Standard contractor gun

Extension: 12" wand extension recommended

Line: 3/8" minimum I.D. standard spray line

Application of CR40 above maximum or below minimum recommended spreading rate may adversely affect coating performance.

#### Performance Features

When spraying CR40, pay special attention to saturate the surface leaving no puddles.

**Caution:** Flammable mixture, keep away from heat and open flames. Avoid prolonged contact with skin or fumes. Keep out of the reach of children. Read MSDS prior to use.

#### Safety Precautions

##### **Respiratory Precautions**

Use self-contained breathing apparatus where vapor concentrations are above TLV limits. Below TLV limits, use a NIOSH approved, canister type vapor respirator.

##### **Ventilation**

Local exhaust must be sufficient to keep airborne vapor below TLV limits.

##### **Protective Gloves**

Chemical resistant (Neoprene) gloves.

##### **Eye Protection**

Safety glasses with side shields or goggles.

##### **Limitations**

Product is dependent on temperature and relative humidity to cure. Make sure product is fully cured prior to covering with finish coats.

*Manufactured by*

**Adurel International, Inc.**

820 Water St.

Racine, WI 53403

**800.860.5834** 262.632.3446 Fax

[adurel.com](http://adurel.com)