



## TECHNICAL DATA SHEET

# AV-201 PRIMER™

## POLYURETHANE ELASTOMER PRIMER

### DESCRIPTION

**AV-201** Primer is a VOC-free, high performance, dual component urethane primer system designed to increase the adhesion of **AV-200** Dura-Set™ to concrete or wood surfaces. By mixing at a 1:1 ratio (by volume), bubble-free films can be produced up to 50 mil (1.5 mm) thick. It also exhibits a low sensitivity to substrate moisture, leaving minimal bubbling when applied to damp surfaces.

### APPLICATION

- Concrete and masonry primer for polyurethane and polyurea spray coatings
- Increases adhesion in other coatings such as: floorings, roofing, decking, bed liners, pipeline, and tank coatings.

### FEATURES AND BENEFITS

- No VOCs
- Excellent adhesion to a variety of surfaces
- Penetrates the surface leaving a smooth, pinhole and bubble-free coating
- Superb stability at low temperatures
- Endures wet/dry cycles without effecting cured product
- May be applied on damp surfaces with no bubbles or foaming
- Workable for 4 – 5 hours before it dries

### HOW IT WORKS

**AV-201** Primer works with **AV-200** Dura-Set. **AV-200** Dura-Set is a dual component resin which reacts in a 1:1 ratio to form a resilient and durable elastomer.

### PACKAGING

- ½ Gallon (1.9 L) kit comprised of (2) 1-quart cans (0.95 L)

### SHIPPING

- Motor Class 85
- Non-Hazardous
- Air freight available

### PROPERTIES\*

UNCURED – 1:1 ratio Part A to Part B

Appearance:	Clear amber gloss
Viscosity:	45 cP @ 72°F (22°C)
Flash Point:	>200°F (>93°C)
DFT Coverage:	1500 ft <sup>2</sup> /gal/mil (1 mil = 0.03 mm)
Pot Life:	4 – 5 hours @ 72° F (22° C)
Tact Free Time**:	4 hours
Re-coat Time**:	2 hour (min) – 24 hour (max)

\*\*At 72° F (22° C) and a Relative Humidity of 50%

### CURED

Appearance:	Translucent amber polymer
Toxicity:	Non-toxic

\*Laboratory Results

### MIX PROCEDURE

**AV-201** mix ratio is 1:1 (Part A to Part B).

### PERFORMANCE

Flush equipment with **AV-208** Technical Grade Acetone™ before and after use to remove moisture and clean equipment. For best results, surface should be cleaned, abraded and wiped with solvent prior to application. Performance will be influenced by site conditions. If site temperatures are low, heat the product to recommended operating temperatures of 60°F – 100°F (16°C – 38°C). Do not use open flame as heat source. Recommended coat should be 3 – 5 mil in thickness (1 mil = 0.03 mm). Drying time will vary with surface temperature, air circulation, humidity and film thickness.

### CLEANING PRODUCTS

- **AV-208** Technical Grade Acetone™ (CAS# 67-64-1) – removes moisture from equipment
- **AV-284** Pump Wash™ (Proprietary Blend) – removes uncured resin from pump and hose
- **AV-222** Cleaner™ (Proprietary Blend) – removes cured resin from equipment

### STORAGE

Store in temperatures within or near 45°F – 95°F (7°C – 35°C) in a dry atmosphere.

### SAFETY

Always use OSHA-approved personal protective equipment (PPE). Refer to the SDS for complete and detailed first-aid procedures and safety precautions. The SDS is available by request or via download [avantigrout.com](http://avantigrout.com).

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