



# Aussie Coat 620P

## Pedestrian Traffic Coating

Hybrid, Aliphatic, Polyurea Deck Coating System

### Generic Spec

Section 071800 / 071816 / 096700 / 096713

### Product Name

Aussie Coat 620P

### AVM System No.

Aussie Coat 620P

### By

AVM Industries, Inc.  
8245 Remmet Ave, Canoga Park, CA 91304  
888.414.1041 818.888.0050  
www.avmindustries.com

### Product Description

The **Aussie Coat 620P** is a two component, fast setting, rapid curing, solvent free, high performance, and high solids Polyurea/urethane MMA polymer waterproof membrane that can be applied suitably to heavy duty wearing surface applications on prepared interior or exterior concrete, under asphalt overlays, plywood and metal surfaces.

### Where to Use

Typical uses include Vehicular asphalt and concrete parking decks, pedestrian walkways, patios, stairways, sun rooms, metal roofs, etc.

### Warranty

Contact AVM Industries for warranty details.

### Delivery, Storage, and Handling

- Delivery of all the system materials to the job site must be in their original sealed containers and bags, with manufacturer's name and label intact.
- Handle and store containers and bags in accordance with printed instructions.
- Store at temperatures between 50°F and 90°F.
- Keep all materials out of the reach of children.
- If irritation occurs during use, liberally flush affected areas with water. If irritation continues, see a physician immediately.

### Installation

**Step 1: Preparation and Sloping:** Check area of application to ensure that it conforms to the substrate requirements as stated in **Aussie Coat 620P** Installation Instructions. If additional sloping is needed, use AVM Crete 6400/6200 as needed to create the necessary slopes. Fill joints, cracks, and flashings with Aussie Membrane 520 Pro. Penetrations and larger openings may be filled with Aussie Seal M Sealant. Recommended; On plywood decks, install a

¼" thick layer of AVM Crete 6400 reinforced with metal lath 2.5 prior to deck coating installation. Recommended; Reinforce Aussie Membrane 520 Pro with a 6" wide strip of AVM Mat 800 or Mat 570 at all joints, cracks, flashings, penetrations and other sensitive areas. For cracks over ¼" wide and/or expansion joints, contact AVM Industries.

**Step 2: Epoxy Primer:** When needed, prime surfaces with AVM Primer 410, or AVM Gas-Lock Epoxy 420 vapor barrier. Allow Primer to become tack free before proceeding to Step 3. The base coat must be installed within 2-3 hours of application of the primer. Otherwise, re-prime.

**Step 3: Base Coat:** Apply AVM Aussie Membrane 520 Pro (base coat) in one or two coats, or as needed to achieve a minimum 24 mils dry film thickness. (Approximately 26 wet mils) If applying base coat in two coats, first coat must be fully cured and tack free before applying the second coat. Once the base coat is completed, allow minimum 12 hours (maximum 48 hours) curing time before applying the next coat. (If the base coat surface should become dirty or contaminated, or lose their surface tack, wipe clean with xylene, acetone or other safe solvent.)

### Step 4: Aggregate Binder Coat:

**Method 1:** Once the AVM 520 Base Coat has cured, apply the AVM Top Coat 620-AL Aggregate Binder Coat by roller, trowel or notched squeegee in a uniform coat at a minimum rate of 100 sq.ft./Gal (16 wet mils). While the coating is still fluid, uniformly broadcast and thoroughly encapsulate by back-rolling the proper 16 or 20 mesh aggregate into the coating at a rate of 15-25 Lbs. of aggregate per 100 square feet. For proper adhesion between 620 AL coats, re-coating must be done within 2-12 hours.

**Method 2:** Apply the AVM Top Coat 620-AL Aggregate Binder Coat by roller, trowel or notched squeegee in a uniform coat at a minimum rate of 200 sq.ft./Gal (8 wet mils). Broadcast to refusal the aggregate onto the wet surface of the Aussie 620-AL coat. Cover the entire surface leaving no wet spots and allow to cure until dry to the touch. Sweep up and/or vacuum up any loose or unbound aggregate. Apply the AVM Top Coat 620-AL by roller, trowel or notched squeegee in a uniform coat at a minimum rate of 200 sq.ft./Gal (8 wet mils). Take care to evenly apply the coating with no puddling.

Allow a minimum 16 hours before permitting light pedestrian traffic and at least 48 hours before heavy traffic. Cure time will vary depending on temperature and humidity.

### Equipment Cleanup

Coating typically skins over within 15-45 minutes and cures through in 3-7 days depending on temperature, humidity, and thickness. Lower temperatures and humidity can prolong cure time. Higher temperatures accelerate cure time. Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

### Shelf Life

1 Year of date of manufacture when stored in recommended conditions.

### Limitations

Do not open until ready to use. Any off ratio mixing of the product will affect the properties and the product may not cure. This product contains Isocyanates and Curative Material.

### Maintenance

Contact AVM for Details

### Availability and Cost

Contact AVM Industries or your approved applicator for pricing and availability.

### Technical Services

Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com**

### System Specifications

See below and next page.

## Aussie Coat 620P Technical Information

| Property                              | Aussie Coat 620P Mixture | Test Method    |
|---------------------------------------|--------------------------|----------------|
| Solids by Volume                      | 95%                      |                |
| Pot Life (min @ 75 degrees F, 50% RH) | 9 minutes                |                |
| Tack Free Time                        | 3-4 hours                |                |
| Hardness                              | 80 +/- 3 A               | ASTM D-2240    |
| Tensile Strength                      | 2500 +/- 100psi          | ASTM D-412     |
| Elongation                            | 800 +/- 100%             | ASTM D-412     |
| Tear                                  | 300 +/- 25 pli           | ASTM D-624     |
| Split Tear                            | 100 +/- 10 pli           | ASTM D-470     |
| Volatile Organic Compounds            | 0.49 lb/gal gm/liter     | ASTM D-2369-81 |
| Peel in Adhesion                      | 327/36.7MPa              | ASTM D-4541    |

## Packaging

| Item                    | Packaging  | Approx Shipping Weights | No. of Kits per Pallet           | Pallet Weights | VOC         |
|-------------------------|------------|-------------------------|----------------------------------|----------------|-------------|
| 520 5-Gal Bucket        | 5 Gallons  | 60 Lbs                  | 36 Buckets/Pallet                | 4050 Lbs       | 75 g/l      |
| 620-AL 1 Gal Kit Part-A | 0.8 Gallon | 9 Lbs                   | 180 Part-A on Pallet 1           | 1,680 Lbs      | 0.00 lb/gal |
| 620-AL 1-Gal Kit Part-B | 0.2 Gallon | 21 Lbs                  | 180 Part-B on Pallet 2           | 465 Lbs        | 0.00 lb/gal |
| 620-AL 5-Gal Kit Part-A | 4 Gallons  | 45 Lbs                  | 48 Part-A on Pallet 1            | 2,220 Lbs      | 0.00 lb/gal |
| 620-AL 5-Gal Kit Part-B | 1 Gallon   | 11 Lbs                  | 48 Part-B on Pallet 2 (12 Boxes) | 598 Lbs        | 0.00 lb/gal |

## Coverages

| Item                                                               | Coverage Rate |
|--------------------------------------------------------------------|---------------|
| AVM 520 - Applied as a Base Coat Layer at 24 Dry Mil Thickness     | 67 sqft/gal   |
| AVM 620 AL Aliphatic - Applied as a Top Coat Layer (15 total mils) | 100 sqft/gal  |

For a complete list of details in CAD or PDF, please visit our website at [www.avmindustries.com](http://www.avmindustries.com).

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