



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.
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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 401, 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 105 sq.ft./Gal (coverage may vary depending on substrate type and sand used) . 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

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	Results	Test Method
Specific Gravity	Side A: 1.05 ± 0.1 Side B: 0.99 ± 0.1	
Hardness	80 ± 3	ASTM D-2240 Shore A
Pot Life (min @ 75°F [24°C], 50% RH)	15 ± 5 minutes	
Tack Free Time	3-4 Hours	
Tensile Strength	2500 ± 100 pli (17.2 ± 0.7 kN/m)	ASTM D-412
Elongation	800 ± 100%	ASTM D-412
Tear	300 ± 25 pli (52.5 ± 4.4 kN/m)	ASTM D-624
Viscosity, at 75°F (24°C)	Side A: 1500-2500 cps Side B: 50-150 cps	
Total Solids by Volume	97%	ASTM D-2697
Volatile Organic Compounds	<0.49 lbs/gallon (59 gm/liter)	ASTM D-2369-81

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 @ 30 Mils	55 sqft/gal
AVM 620-AL Aliphatic @ 20 Mils	80 sqft/gal
AVM 620-AL Aliphatic @ 15 Mils	105 sqft/gal

Note: These are theoretical coverage rates and may vary depending on substrate types or if used as a topcoat over sand.

For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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Quality Waterproofing Products



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