



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 AVM System 620-AL is two component, monolithic chemical resistant pedestrian deck coating system that can withstand heavy thermal cycling. This elastomeric system is designed to expand and contract with normal structural movements and protect the surfaces against spalling, freeze/thaw damage, and chemicals commonly encountered on pedestrian decks. Installed and maintained properly, the AVM System 620 pedestrian deck system will provide years of service

Where to Use

Typical uses include pedestrian walkways, balconies, patios, plaza decks, mechanical rooms and similar applications requiring a monolithic waterproofing system.

Features and benefit

- Incorporates Polyurethane base coat with Polyurea topcoat for enhanced durability
- Easy to install
- Monolithic waterproof coating
- Fast setting, rapid cure time
- Abrasion resistant
- UV resistant Topcoat
- Seamless and fully adhered membrane.
- High flexibility
- LowVoc/Environmentally friendly
- Durable in harsh conditions.

Packaging

AVM 520 Pro Aussie Membrane – 5 Gal
AVM 620AL 4.4 Gal kit -5gal

Colors

AVM 620AL is available in Dark Gray, Medium Gray, Light Gray, Chocolate, Ash Brown, Brick Red, Dark Tan, and Tan. Custom colors are available upon request

Installation

Concrete shall be water-cured and shall achieve a minimum compressive strength of 3,000 psi. The substrate finish shall be an equivalent surface texture conforming to ICRI specification CSP-3 Depending on the specific construction and job site conditions, additional testing may be required. See application instructions for full system application requirements

Delivery, Storage, and Handling

a. 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.

b. Handle and store containers and bags in accordance with printed instructions.

c. Store at temperatures between 50°F and 90°F.

d. Keep all materials out of the reach of children.

e. If irritation occurs during use, liberally flush affected areas with water. If irritation continues, see a physician immediately.

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.

Preperation/Installation

See full application instructions and requirements at

<https://www.avmindustries.com/system-620-p/>

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.
- Do not apply when temperatures cannot be maintained above 40°F for a minimum of 48 hours or until cured.
- Do not install if precipitation is imminent.
- Do not apply materials in direct sunlight at temperatures above 100°F

Maintenance

Contact AVM for Details

Availability and Cost

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

Warranty

Contact AVM Industries for warranty details

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 620-	5 Gallons	60 Lbs	36 Buckets/Pallet	4050 Lbs	75 g/l
AL 1 Gal Kit Part-A 620-	0.8 Gallon	9 Lbs	180 Part-A on Pallet 1	1,680 Lbs	0.00 lb/gal
AL 1-Gal Kit Part-B 620-	0.2 Gallon	21 Lbs	180 Part-B on Pallet 2	465 Lbs	0.00 lb/gal
AL 5-Gal Kit Part-A	4 Gallons 1	45 Lbs	48 Part-A on Pallet 1	2,220 Lbs	0.00 lb/gal
620-AL 5-Gal Kit Part-B	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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