

## SuperSeal® Coating Products

*SuperSeal® HV, SuperSeal® Edge Treatment, SuperSeal® Duct Butter*

### Description

#### SuperSeal Products

SuperSeal products are air-dry derivatives of Permacote®, the tough, black acrylic polymer used for factory coating of the airstream surface and edges of Johns Manville Air Handling products including:

- SuperDuct® RC™ Air Duct Board
- Spiracoustic Plus™ System products
- Linacoustic RC™
- Permacote® Linacoustic® HP
- Tuf-Skin Rx™

### Applications

**SuperSeal HV.** SuperSeal HV is a high viscosity version of the Permacote® coating, with enhanced mastic qualities. HV is ideal for spot or edge repair where extra fill or adhesion properties are required.

**SuperSeal Edge Treatment.** SuperSeal Edge Treatment is a sprayable liquid intended primarily for high-volume shop applications. Super Seal Edge Treatment may also be applied with a brush.

**SuperSeal Duct Butter.** SuperSeal Duct Butter is a black aerosol foam designed for easy shop and field use. The handy aerosol cans offer simple application and minimal cleanup, making them ideal for spot or edge repair.

**Hi-Rise™ Formula.** Duct Butter features a high-fill foam with good thermal barrier performance.

### Advantages

**System Integrity.** Use of SuperSeal products maintains the physical characteristics and performance integrity of Johns Manville's high-performance, coated insulations assuring compliance with local building codes and engineering specifications.

**Will Not Support Microbial Growth.** SuperSeal coating products are formulated with the same immobilized, EPA-registered, protective agent to protect the coating from potential growth of fungus and bacteria as indicated by tests conducted in accordance with ASTM G-21 and G-22.

**Meets Code Requirements.** SuperSeal products meet the requirements of NFPA Standards 90A and 90B with surface burning characteristics of 25/50.



**Application Temperature Limit:** 250°F (121°C)

### ISO 9000 Certification

Johns Manville mechanical insulation products are designed, manufactured and tested in our own facilities, which are certified and registered to stringent ISO 9000 (ANSI/ASQC 90) series quality standards. This certification, along with regular, independent third-party auditing for compliance, is your assurance that Johns Manville products deliver consistent high quality.

### SuperSeal Notes

- For high volume applications, SuperSeal Edge Treatment and HV are available in 55 gal. drums by special order.
- SuperSeal products will stain cloth, upholstery, and other porous surfaces; appropriate precautions should be taken to prevent spills.
- Drying times listed are approximate for standard conditions; cold weather and/or high humidity will require additional time.
- **Do not allow SuperSeal products to freeze.** When applying in sub-freezing conditions, surface must be kept above 40°F (4°C) for a minimum of 2 hours to allow drying.

### General Information

SuperSeal Product	Shipping Unit	Approximate Coverage*	Shelf Life at 40-95°F (4-35°C)	Application Temp. Limit	Tack-Free Time
HV	1 carton; 12 tubes 10.5 fl.oz. (310 ml)	Usage-dependent	12 months	250°F (121°C)	2 hours (approx.)
	1 carton; 4 pails 1 gal. (3.8 l)	Usage-dependent	12 months	250°F (121°C)	2 hours (approx.)
Edge Treatment	1 pail; 5 gal. (18.9 l)	1700 sq. ft. (158 m <sup>2</sup> )	18 months	250°F (121°C)	1 hour (approx.)
	1 carton; 4 pails 1 gal. (3.8 l)	1350 sq. ft. (125 m <sup>2</sup> )	18 months	250°F (121°C)	1 hour (approx.)
Duct Butter	1 carton; 12 cans 16 fl. oz. (470 ml)	2500 sq. in. (16130 cm <sup>2</sup> )	24 months	250°F (121°C)	2 hours (approx.)

\* Coverage estimates are based on minimum application weight to ensure product performance; actual application requirements may be higher, depending upon the surface and application method.

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## Application Instructions

### SuperSeal HV

1. For tubes, trim nozzle tip to desired bead size, puncture inner seal, and insert into a standard caulking gun.
2. Assure that the application surface is dry and free of loose fiber and dirt.
3. Holding the tube at approximately 45 degrees to the application surface, apply a bead of the desired diameter and length.
4. SuperSeal may be spread or "battered" on insulations using a squeegee, spatula, or paddle. Replace lid tightly after use to prevent unused portion from drying out.
5. Clean up equipment after use with warm, soapy water. Note that it is very difficult to remove this material from tools and clothing after it has dried.
6. Allow approximately 2 hours for SuperSeal HV to dry before applying pressure to the joint for repair. In subfreezing weather, surface must be kept above 40°F (4°C) to allow drying.

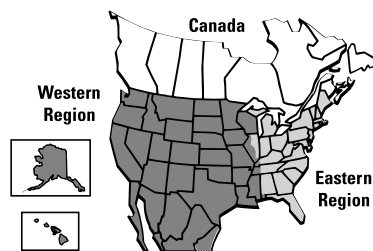
### SuperSeal Edge Treatment

1. Stir product to even consistency before using. Do not thin with water or other solvent.
2. Using standard commercial spray equipment, apply a full wet coat to the material to be treated.
3. Alternately, the product may be applied to the material to be treated with a brush.
4. If a brush is used for application, additional coats may be required for satisfactory coverage.

5. Clean up equipment after use with warm, soapy water. Note that it is very difficult to remove this material from tools and clothing after it has dried.
6. Allow approximately 1 hour (per coat) for SuperSeal Edge Treatment to dry before stacking.
7. Replace lid tightly after use to prevent unused portion from drying out.

### SuperSeal Duct Butter

1. Shake can vigorously before using.
2. Invert can and aim nozzle at center of area to be covered; note that product is a foam which expands on application.
3. Apply approx. 1/2" (13 mm) thick layer of foam to area, taking care not to spray into face or eyes.
4. Smooth foam into fiber glass using a squeegee or other appropriate tool. For best results, the smoothed foam (pre-drying) should be approximately 1/16" - 1/8" (1.6-3.2 mm) thick.
5. Clean up equipment after using with warm, soapy water. Note that it is very difficult to remove this material from tools and clothing after it has dried.
6. Allow approximately 4 hours for SuperSeal Duct Butter to dry completely.



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# Johns Manville

## Performance Materials Division

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The physical and chemical properties of SuperSeal® Coating Products represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Numerical flame spread and smoke developed ratings are not intended to reflect hazards presented by this or any other materials under actual fire conditions. Check with your Regional Sales Office to assure current information. **All Johns Manville products are sold subject to Johns Manville's Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville Limited Warranty and Limitation of Remedy, and information on other Johns Manville thermal insulations and systems, call (800) 654-3103.**

