

# #6 MASTIC®



## LOW TO HIGH VELOCITY AIR DUCT SEALANT

A non-toxic adhesive-sealant used for permanently sealing the fabricated joints and seams of sheet metal air ducts, UL-181 listed rigid fiberglass air ducts, UL-181 listed flexible air ducts and thermal insulation. Great for new residential and light commercial construction, also retrofits and repairs. As well as sealing crawlspaces.



- Water-based and non-flammable
- Easy application and clean-up
- Low odor - Low VOC
- Fiber reinforced
- Fire resistant
- Weather Resistant
- City of Los Angeles Approval # RR8204

## SPECS

wet film coverage at 50 mils x 3" wide	125 lineal feet per gallon
weight per gallon	10.9 lbs. ± 0.30 lbs
solids by weight	66% ± 2%
type	elastomeric terpolymer emulsion
color	cream
consistency	thixotropic, non sagging paste
cure to 4lbs. / in. tensile joint strength at 50% RH and 70° F	5 hours
service temperature limits	-10° F to 180° F
shelf life	12 months (unopened container)
storage temperature	45° F to 90° F
packaging	11 oz. caulk tubes, 1, 2 & 5 gallon recyclable plastic pails
clean-up when wet	soap & water
water vapor transmission rate	0.62 perms
flash point-tag-opencup ASTM D-1310	none
flame spread ASTM E-84	5
smoke developed ASTM E-84	0
UL-181A-M & UL-181B-M Mold Growth Test	Passed
volatile organic compound	less than 10 grams / liter
Meets All SMACNA Seal Classes	A, B, & C
Meets All SMACNA Pressure Classes	- 0.5", 1", 2", 3", 4", 6", and 10" wg.

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# #6 MASTIC®

*Low to High Velocity Air Duct Sealant*

**Adheres to most construction surfaces, including but not limited to:**

- Aluminum Foil
- Aluminum Foil Scrim
- Calcium Silicate Insulation
- Cellular Glass
- Fiberglass Insulation
- Galvanized Steel
- Gypsum Board
- Concrete
- Masonry
- Polystyrene Foam
- Polyurethane Foam
- Polyester Plastic
- Primed Steel
- PVC Plastic
- Sheet Aluminum
- Wood

## APPLICATION

Surfaces must be free from mold, mildew, dirt, oil, water, grease and corrosion. No thinning or mixing is necessary, use directly from the pail. Easily applied by brush, trowel, palm or sprayer. Apply a tack coat of 2 gallon/100 sq. ft. (if a reinforcing membrane is used, embed it into tack coat). Apply a finish coat of 2 gallon/100 sq. ft. Allow at least 6 hours drying time during threatening weather when used outdoors.

## UL-181 LISTED RIGID FIBERGLASS AIR DUCTS

Application shall be by brush or trowel. Application rate: 17.8 to 26.7 square feet/gallon. Recommended thickness: 0.070" (70 mils) to 0.090" (90 mils) total (mastic, plus scrim, plus mastic). Minimum recommended set time is 20 hours. Since field temperature/humidity conditions may vary, longer set times may be required for specific installations. Embed a reinforcing membrane such as RCD Glasscoat (3" wide, 5 mil thick, 20 x 10 plain weave, fiberglass mesh) into a tack coat.



## UL-181 LISTED FLEXIBLE AIR DUCTS

Application shall be by brush. Application rate: 17.8 to 26.7 square feet/gallon. Recommended thickness: 0.070" (70 mils) to 0.090" (90 mils). Minimum recommended set time is 20 hours. Use with mechanical fasteners per Air Duct installation instructions.



### CATALOG NUMBER:

- 106005 . . . 5 gallon pail
- 106002 . . . 2 gallon pail
- 106001 . . . 1 gallon pail
- 106011 . . . 11 fl. oz. caulking tube

## SHEET METAL AIR DUCTS

Apply mastic at a thickness of at least 20 mils to the exposed part of the male fitting after the fitting collar or crimped end is fully started into the duct, but before it is pushed to the bead stop. Once applied, push fitting to the bead stop. Then mechanically fasten the joint with sheet metal screws or rivets. Next apply at least 20 mils thickness of mastic to the outside of joint in a 2 1/2" wide band covering the screws or rivets and joint gap. Allow at least 24 hours drying time before restarting system.

## PRECAUTIONS

It is the applicator's responsibility for the design, use and storage of all building materials including RCD® Mastics. Store at recommended storage temperatures (45°F to 90°F). Rotate inventory using first in, first out method. Protect from freezing. Do not dilute with any substance. Do not apply below 38°F or above 120°F. High humidity will retard drying. Apply RCD® Mastics only where the system operating temperatures will not exceed the mastic's temperature limits (as outlined in "Specs" data). Occupants, who are chemically sensitive, prone to allergic reactions, and/or asthma, or have respiratory ailments of any kind, should not have mastics applied inside the air stream of their heating or cooling system without consulting their physician for approval.

***Keep out of reach of children.  
If there is contact with eyes, flush with clean water  
and contact physician.***

## WARRANTY

RCD #6 Mastic® is warranted to do the work for which it is designed as set forth above. All other warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose, are disclaimed. It is understood and agreed that seller's liability, whether in contract, tort, warranty, negligence, personal injury, wrongful death or otherwise, shall not exceed the return of the amount of the purchase price paid by the purchaser and under no circumstances shall seller be liable for special, indirect or consequential damages. The price paid for the product is consideration in limiting seller's liability.