



Eco-DUCT® SEAL 48-81

COLOR

Gray

APPEARANCE

Soft, creamy gray paste

COVERAGE

UL 181A-M Rigid Fiberglass Air Ducts:

Apply at a width of 2-3 inches at a rate of 35 sq.ft.per gallon (0.055 inch wet thickness). Embed into the sealer, a fiberglass scrim (5 mil, 20 x 10 plain weave, 1.75 ounces per square yard). Apply a second coat equal to the first.

UL 181B-M Flexible Air Ducts or Air Connectors:

Apply at a rate of 35 sq.ft. per gallon (0.055 inch wet thickness) at a width of 2-3 inches.

SERVICE TEMPERATURE

-20° F to 180° F

WEIGHT PER GALLON

11.1 lb.

AVERAGE NON-VOLATILE

60 % By Weight

DRYING TIME

Touch: 30 Minutes

Allow at least 72 hours drying time for above applications before pressure testing. Since field temperatures and humidity conditions may vary from controlled lab conditions, longer set times may be required for specific installations.

PRESSURE/SEALING CLASSES

Meets the requirements of all SMACNA Pressure and Seal Classes.

PRESSURE TEST

Tested 24 hours (cured) sealing in conformance to recommended coverage. No leaking in excess 31 ½ inches water gauge.

CAUTION

Use with adequate ventilation. Avoid prolonged or repeated contact with skin. Do not take internally. In an emergency, call a physician. Keep out of reach of children.

Meets requirements for LEED® IEQ Credit 4.1: Low Emitting Materials: Adhesives & Sealants.

MAX VOC= 0.19 lbs/gal. or 22.5 grams/liter, less water & exempt solvents.

DESCRIPTION

Eco-Duct® Seal **48-81** is a tough, flexible water based duct sealant specially formulated to meet the requirements of UL 181A-M & UL181B-M. The sealant is for use on Fiberglass Ductboard, Flexible air ducts or Air connectors and metal duct systems. The product can be used for sealing low, medium and high-pressure heating and air conditioning ductwork.

Eco-Duct® Seal **48-81** is suitable for outdoor use

Eco-Duct® Seal **48-81** is fiber reinforced

SPECIFICATION COMPLIANCE

Complies with LEED v4 ID+C, BD+C, Collaborative for High Performance Schools EQ 7.1.1, California Dept. of Public Health (CDPH) Standard Method v1.2 (Certificate Number MAS-1700150)

NFPA 90A & 90B

UL LISTED 2S04

UL 181A-M UL 181B-M

LIMITATIONS

Keep from freezing.

Apply between 40° F (4°C) and 130°F (54°C)

Freeze/Thaw Stability: Passed 5 cycles

SAFETY

Wet: Water based, Non-Flammable

APPLICATION METHOD

Stiff brush, putty knife, trowel, caulking gun or power extrusion.

DIRECTIONS FOR USE:

This product is for industrial use only. It should be applied by trained and qualified craftspeople.

FOR USE WITH UL 181A-M RIGID FIBERGLASS AIR DUCTS:

Be sure all surfaces are clean, dry and oil free. Eco-Duct® Seal **48-81** should be applied at a width of 2-3 inches at a rate of 35 sq.ft. per gallon (0.55 inch wet thickness). Embed into the sealer, a fiberglass scrim (5 mil, 20 x 10 plain weave, 1.75 ounces per square yard). Apply a second coat equal to the first.

FOR USE WITH UL 181B-M FLEXIBLE AIR DUCTS OR AIR CONNECTORS:

Be sure all surfaces are clean, dry and oil free. Eco-Duct® Seal **48-81** should be applied at a rate of 35 sq.ft per gallon (0.55 inch wet thickness) at a width of 2-3 inches.

CLEAN-UP

Wet: Hot soapy water

WARRANTY TERMS: The physical and chemical properties of this product are representative of the typical average values derived in accordance with test methods deemed acceptable, and can vary when subjected to normal manufacturing methods. These values are supplied only as a technical service and are subject to change notice. To be sure information is current call Mon-Eco Industries, Inc.

Terms of Warranty: Warrantor, Mon-Eco Industries, Inc. warrants satisfactory results of this product only when recommendations herein established are followed. The recommendations for use are established upon tests and information deemed reliable. We recommend that adequate testing be made by the user to determine if the product is suitable for the intended purpose and use. Warrantor assumes no responsibility beyond replacement or refund of the purchase price of this product, since warrantor has no control over the methods and application of its product, methods and conditions of transportation, handling and storage of the product. **WARRANTOR EXPLICITLY DISCLAIMS ALL LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGE.** No agent or representative of Mon-Eco Industries, Inc. has the authority to change or extend these conditions.

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