



ECO-DUCT® SEAL 44-52 Low VOC

COLOR

Gray

SERVICE TEMPERATURE

-20°F TO 190°F
(-28.9°C TO 88°C)

COVERAGE

Approximately 50 to 75 sq. ft. per gallon.

WEIGHT PER GALLON

9.0 lbs.

AVERAGE NONVOLATILE

57%
VOC= 1.99 lbs./gal or 239g/liter (1 Gallon)
<4% by weight (10 Ounce Tube)

BONDING TIME

Touch: 15 minutes

Through: 48 hours

Allow at least 24 hours before pressure testing. The drying time depends on the temperature, humidity and film thickness.

SAFETY

Flammability:

Wet: Flash Point 0°F (-18°C)

THRESHOLD LIMIT OF SOLVENT VAPOR (TLV):50 ppm

LIMITATIONS

Apply between 0°F and 110°F (-18°C and 43°C)

Eco-Duct® Seal 44-52 Low VOC is suitable for outdoors. If the sealant is going to be directly exposed to U.V. rays its service life can be extended by painting the sealant with a coat of exterior grade latex paint.

CAUTION: FLAMMABLE MIXTURE RED LABEL.

Do not use or store near sparks, heat or open flame. Keep container closed when not in use. Use with adequate ventilation. Avoid excessive breathing of vapor. Avoid excessive contact with skin. Do not take internally. In an emergency, call a physician. Keep out of reach of children.

DESCRIPTION

Eco-Duct® Seal 44-52 Low VOC is an improved sealant that is especially designed to seal high velocity and high-pressure air handling systems. Eco-Duct® Seal 44-52 Low VOC may be applied in one heavy coat or by extruding a bead.

Eco-Duct® Seal 44-52 Low VOC applies easily, dries quickly, adheres strongly and may be pressure tested in 24 hours in most circumstances.

Eco-Duct® Seal 44-52 Low VOC has been specially formulated to meet reduced VOC requirements.

SPECIFICATION COMPLIANCE

Meets LEED requirements IEQ 4.1, low emitting materials, adhesives and sealants

NFPA 90A & 90B

U.S. Department of Agriculture chemically acceptable as a sealant for ductwork.

ASTM E84

Standard Test Method For Surface Burning Characteristics of Building Materials (ANSI 2.5, NFPA 255, UBC 8-1, UL 723)
Applied to Inorganic Reinforced Cement Board

Flame Spread	5
Smoke Developed	0

Tested as applied in 2 3/8" (.95cm) wide beads, 12" (.3m) OC at a coverage rate of 30 ft²/gal. (.737 m²/L)

METHOD OF APPLICATION

Stiff brush, putty knife or caulking gun.

MATERIAL PREPARATION

Stir well if any separation occurs

APPLICATION

This product is for industrial use only. It should be applied by trained and qualified craftspeople. Be sure surfaces are clean, dry and oil free. Clean both male and female fittings. Apply 44-52 Low VOC to the male duct piece. Assemble the fittings. Secure with screws. Apply a narrow band of 44-52 Low VOC over the joint and cover all screw heads.

CLEANUP

Xylol, MEK, or Trichloroethylene.

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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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