LEED & OTC COMPLIANT <250 g/m/L

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 m²L)

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.   03/12