

Ductbond™

Ductbond Advantages

Ductbond Duct sealant is a fire resistive, water based, indoor/outdoor, U.V. resistant, non-fibrated sealant for use on low, medium and high velocity ducts to form an extremely flexible, yet durable seal against air leakage. It is supplied in a special thixotropic consistency that allows easy application by brush, glove, trowel, power extrusion or caulking gun.

Ductbond may be pressure tested after 24 hours dry time above 70°F (21°C). It quickly forms a strong bond to clean galvanized, aluminum and mild steel metal ducts.

Ductbond is ideal for sealing ASJ, FRK and FSK jackets and board facings at joints, laps and over staple and weld pin punctures, and for sealing flexible air ducts to rigid connectors.

Ductbond complies with current requirements regarding use in meat and poultry processing areas under federal inspection. Letter of compliance is available upon request.

Ductbond meets requirements for LEED IEQ 4.1 Low-Emitting Materials, Adhesives and Sealants. VOC: 24 g/l, less water and exempt solvents.

Ductbond will meet all SMACNA pressure classes up to 10" w.g. and SMACNA seal classes A, B, and C on ducts constructed to SMACNA standards. It has been tested up to 15" w.g. and passed with no sealant blow out.



Application

All surfaces must be clean, dry and free of dirt, oil or grease prior to application. For best results use fiberglass duct scrim tape. Apply duct sealant with brush, trowel, or caulking gun (extrusion). Do not apply sealant in temperatures below 4°C (40°F). Keep from freezing. Store in a cool, dry and well ventilated area.

Fungal Growth Resistance (ASTM G 21)

Rating=0, no fungal growth on surface

Wet Flammability

Flash point (closed cup), no flash to boiling. ASTM D 3828.

Coverage Range (FSTM 72):

Brush: 50 sq. ft./gal (1.2 m²/l) 0.032 in. (0.8 mm) wet film thickness

Caulking Gun: 125 lineal ft. per 10.5 fluid oz tube, 1/8in. bead (38m per .31tube, 3.2 mm bead).

30 lineal ft. per 10.5 fluid oz tube, 1/4 in bead (9m per .31 tube, 6.4 mm bead).

Drying Time

To touch 1 hour, dry through 16 hours, at 23°C (73°F) 50% RH ASTM D1640.

Clean-up

Wash tools in warm soapy water

Air Pressure Resistance

Pressure withstood: 10" WG (2500 PA)

Dry time 24 hours

Service Temperature Range

-7°C (20°F) to 93°C (200°F).

Certified

Ductbond High Velocity Sealant is UL listed and meets NFPA Standards 90-A and 90-B 25/50 requirements. This product is tested in accordance to ASTM E-84 (Surface Burning Characteristics of Building Materials).

Please refer to the material safety data sheet for more detailed information.

For Industrial Use Only

Surface Burning Characteristics	:	0
Applied to 1/4 inch (6.4mm)	:	0
Inorganic	:	0
Reinforced Cement Board	:	0
Surface Flame Spread:	:	0
Smoke Developed:	:	0

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