HARDCAST
DUCT SEALANTS & INSULATION ADHESIVES

Coil-Tack™

Low-Tack, High-Yield
Water-Based Insulation Adhesive



Surface Burning Characteristics
*Applied to inorganic reinforced cement board

FLAME SPREAD..... 0
SMOKE DEVELOPED..... 0

*Tested as applied in two 3" (76.2 mm)-wide strips 8" (203.2 mm) on center at a coverage of 530 sq ft/gal (13 sq M/L). Flash point of finished adhesive, closed cup: no flash to boiling.

OVERVIEW

Coil-Tack is a nonflammable, water-based insulation adhesive engineered for extruding coil line or spray booth applications. It has been developed to eliminate clogging within the adhesive delivery system, ensuring consistent operation. Coil-Tack's exceptional coverage and easy clean-up means lower application cost.

PART NUMBERS

Part #	Product Description
308582	(1) 5-Gallon Pail (Black)
308584	(1) 50-Gallon Drum (Black)
308580	(1) 5-Gallon Pail (White)
308581	(1) 50-Gallon Drum (White)

SPECIFICATION/STANDARDS COMPLIANCE

Property	Method	Results
Standard Specification for Adhesives for Duct Thermal Insulation	ASTM C916	Pass
VOC Limitations	SCAQMD Rule 1168	Pass
	City of Los Angeles Approval RR #8069	Pass
Flame Spread/Smoke Developed	UL723	0

FEATURES AND BENEFITS

- Nonflammable water-based insulation adhesive
- Engineered for spray or extruding coil line applications
- Can also be used in any application via brush or roller
- Ideal for horizontal application in the fab shop when pinning separately
- Available in White or Black
- Relatively short initial bond time and dry time
- Made in the USA

- Minimize job costs with labor-saving products
- Increase system productivity and energy savings with cost effective, high-engineered products

Carlisle HVAC Brands
Indoor Air Quality
Our Top Priority

- True zero and low-VOC products are resistant to mold, mildew, and fungi
- Properly installed and sealed systems promote optimal indoor air quality

CARLISLE HVAC BRANDS

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TYPICAL PROPERTIES AND CHARACTERISTICS

Color	White (wet and dry), Black (gray when wet, black when dry)
Consistency	Low-viscosity fluid
Odor	Faint latex
Base	Synthetic latex
Solvent	Water
Weight per Gallon	10.0 lbs (+/- 0.2)
Solids Content	36% (+/- 2%)
Viscosity	7,000 - 8,500 cps
Approximate Coverage	Up to 530 ft²/gallon (sprayed)
Initial Bonding Time	30 minutes* (5 mils @ RT)
Dry Time	45 minutes-1 hour* (5 mils @ RT)
Mechanical bond strength	Excellent
Service Temperature	-20°–200°F (-28.8°–93.3°C)
Flammability	Nonflammable
Water Resistance	Good
Mildew Resistance	Mold and mildew resistant, contains antimicrobial components
VOC	71 g/l (less water)
Freeze/Thaw Stability	Passed 5 cycles

*Note: May vary according to thickness, temperature, air flow, and humidity.

STORAGE

Temperature	35°F–110°F (1.6°–43.3°C)
Shelf Life	One year (unopened)
Flammability	Nonflammable

LEED

Post-industrial Recycled Content	0%
Pre-consumer Recycled Content	0%
VOC Content	71 g/l (less water)
Manufacturing Location(s)	Wylie, TX

APPLICATION

Temperature	35°–110°F (1.6°–43.3°C). Keep at 70°F for optimum performance. If product temperature falls below 70°F, move it to a warm area until optimum performance is achieved.
Preparation	Surface must be dry and free of dirt, oil, moisture and grease.
Method	Use when the insulation is immediately secured by an insulation fastener or the duct section is stored horizontally until the adhesive is dry. May be spray, brush, or roller applied to secure insulation to the substrate. Apply according to SMACNA specifications and local codes.
Rate	Apply at a rate no greater than 530 ft²/gallon.
Recommended Maintenance	When spraying, it is recommended to fully clean the spray equipment weekly.
Clean Up Wet	500 - 700 ft²/gallon
Clean Up Dry	500 - 700 ft²/gallon

PRECAUTIONS

Inspect all winter shipments upon arrival. Apply when temperatures will not fall below freezing. Review Safety Data Sheet for safety information prior to use. Do not apply this product in weather-exposed areas or where temperatures will exceed 200°F (93.3°C). Dispose of according to local codes and laws. Once any remaining product fully cures in the pail they can be thrown away. For Industrial Professional Use Only.

Contributes to LEED® Credit Requirements

MADE IN USA

CARLISLE HVAC BRANDS

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