



ROTO-TACK™

Mid Tack, High Yield Water Based Insulation Adhesive

ROTO-TACK is a mid tack, non-flammable, water-based insulation adhesive engineered for **mechanical roll coating** systems which rapidly apply adhesive to insulation prior to bonding to the sheet metal. ROTO-TACK offers exceptional versatility, low viscosity, low suspended solids and easy cleanup means lower application cost.

TECHNICAL DATA

CLEAR

BLACK

| | | |
|-----------------------|--|--|
| Color | White (wet), Clear (dry) | Gray (wet), Black (dry) |
| Consistency | Low viscosity liquid | Low viscosity liquid |
| Base | Synthetic latex | Synthetic latex |
| Solvent | Water | Water |
| Weight per Gallon | 8.7 lbs. (+/- 0.2) | 10.3 lbs. (+/- 0.2) |
| Solids Content | 38% (+/- 2%) | 48% (+/- 2%) |
| Viscosity | 3,500-4,500 cps | 5,000-7,000 cps |
| Coverage | Up to 530 sq.ft./ gal. (sprayed) | Up to 530 sq.ft./ gal. (sprayed) |
| Initial Bonding Time | .25 minutes* (5 mils @ RT) | 20 minutes* (5 mils @ RT) |
| Dry Time | .40 minutes* (5 mils @ RT) | 30 minutes* (5 mils @ RT) |
| Service Temperature | -20°F to 200°F | -20°F to 200°F |
| Water Resistance | Good | Good |
| Mildew Resistance | Mold and mildew resistant | Mold and mildew resistant |
| VOC | .73 g/l (less water) | 71 g/l (less water) |
| Packaging | 1 gal. pail, 5 gal. pail, 55 gal. drum | 1 gal. pail, 5 gal. pail, 55 gal. drum |
| Freeze/Thaw Stability | Passed 5 cycles | Passed 5 cycles |
| Specification | | |
| Compliance | Passed ASTM C-916 | Passed ASTM C-916 |

**For optimal coverage see Application Instruction Sheet, cylinder back label or cylinder shipping carton back label.*

ROTO-TACK PART NUMBERS

| | |
|--------------------------------------|--------|
| 1 Case w/ (4) 1-Gallon Pails (Black) | 308577 |
| 1 Case w/ (4) 1-Gallon Pails (Clear) | 308575 |
| 1-5-Gallon Pail (Black) | 308576 |
| 1-5-Gallon Pail (Clear) | 308574 |
| 1-55-Gallon Drum (Black) | 308578 |
| 1-55-Gallon Drum (Clear) | 308573 |

STORAGE

| | |
|--------------|--------------------------------|
| Temperature | .35°F to 110°F (1.7°C to 44°C) |
| Shelf Life | One year (unopened) |
| Flammability | Non-flammable |

APPLICATION

| | |
|-------------|---|
| Temperature | .35°F to 110°F (1.7°C to 44°C) |
| Method | For use in mechanical roll coating and extruding coil line systems. ROTO-TACK may also be used in spray booth applications. Use when the insulation is promptly secured by an insulation fastener or the duct section is stored horizontally until the adhesive is dry. May be brush or roller applied to secure insulation to the substrate. Apply according to SMACNA specifications and local codes. |
| Preparation | Surface must be dry, dirt, oil, moisture, & grease free. |
| Clean Up | UN-TACK or Solvent. (Use safe handling practices.) |

APPROVALS



UNDERWRITERS LABORATORIES, INC.®
CLASSIFIED ADHESIVE
Surface Burning Characteristics 294U
*Applied to inorganic reinforced cement board

| | |
|-----------------|----|
| FLAME SPREAD | .0 |
| SMOKE DEVELOPED | .0 |

*Tested as applied in two 3 inch (76.2mm) wide strips 8 inches (203.2mm) 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

City of Los Angeles Approval RR #8069

PRECAUTIONS

Inspect all winter shipments on arrival. Apply when temperatures will not fall below freezing. Do not apply this product in weather exposed areas, or where temperatures will exceed 200°F. Keep out of the reach of Children. Review Material Safety Data Sheet for safety information prior to use.
For Industrial Professional Use Only.



Insulation Adhesives • HARDCAST Performance

Carlisle Coatings and Waterproofing, Incorporated • 900 Hensley Lane • Wylie, TX 75098 • 800-527-7092 • www.hardcast.com

© 2004 The Carlisle Corporation Printed in USA 0506 Supersedes 05/05