

WATER BASED INSULATION ADHESIVE



FEATURES

- LEED EQ Credit 4.1
- High Strength
- Use with rotobonders
- Use with extruder coil lines, will not clog extruder heads
- Brush, roll, or spray
- Meets or exceeds all SMACNA requirements
- Excellent mold and mildew resistance

TECHNICAL SPECIFICATIONS

Packaging	5 gal. pails, 55/53 gal. drums
Shelf Life	18 months in unopened containers
Coverage Rate	Approximately 500 sq. feet depending on application technique.
Dry Time	Tack Time.....30 minutes Dry Time.....45 minutes to 1 hour Tack and dry times can vary depending on temperature, humidity and application method and thickness.
Solids Content	40% ± 2.5% by weight
Weight per gal.	9.8 lbs. ± 0.3 lbs.
Color	Gray (dries black), White (dries translucent)
Temperature Limits	Storage and application... 35°F to 110°F Service..... -40°F to 200°F Protect From Freezing. If frozen, completely thaw prior to use. Passes 3 Freeze-Thaw Cycles.
Class 1 Smoke and Flame Rating LEED COMPLIANT SCAQMD Rule 1168	SURFACE BURNING CHARACTERISTICS Flame Spread.....10 Smoke Developed0 Tested in accordance with UL 723, and ASTM E-84. Satisfies the requirements of NFPA 90A, 90B, and 225.

RECOMMENDED USES

GLASSTACK 25 is a slower tacking water base insulation adhesive specially formulated for extrusion coil lines, rotobonders and spray applications where a fast dry time is not necessary when adhering fiberglass insulation to sheet metal ductwork.

APPLICATION INSTRUCTIONS

Prior to application clean the surface of all oils, dirt, and foreign matter for best results.

BRUSH/ROLLER:

Brush or roll adhesive to a desired thickness of 5 mils wet film thickness at a coverage rate of 90% minimum to achieve maximum performance.

SPRAY GUN:

Binks 2001 stainless steel gun, or equivalent, with a .066SS fluid nozzle and a .066SD air cap. Operate the above spray setup at approximately 15 psi fluid pressure and 40 psi atomizing pressure. Ideal coverage is 90% of the surface for maximum bond strength.

SPRAY COILLINE:

Use approximately 20 psi fluid pressure, and 40 psi atomizing for a standard 5 foot coil line. If this does not provide adequate coverage, increase the fluid pressure until the desired 90% coverage is reached. Higher pressures may be needed for larger machines.

EXTRUSION COIL LINES:

Using removable extrusion heads, set the fluid pressure to a setting that will provide a constant amount of adhesive to the sheet metal surface. Typical setting would be 30 psi fluid pressure. Higher pressures may be needed for increased number of extrusion heads.

CLEAN UP

Use soap and warm water.

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