

FLEX CLAD 250™

DESCRIPTION

FlexClad-250™ is a lightweight, pre-fabricated, sheet-type protective membrane intended to cover insulated duct and pipe. The outer layer is a UV-stable aluminum weathering surface laminated to cross-linked polymer film which is then coated with an aggressive *Broad Temperature Spectrum* asphalt adhesive and protected by a release paper.

RECOMMENDED USES

Designed to work alone or in conjunction with FlexClad-400, lightweight FlexClad-250 is ideal for use on the bottom of ducts or in applications where weight is an issue. FlexClad-250 may be used to cover the entire duct. The lightweight and high-adhesion properties of FlexClad-250 allow it to be installed on the bottoms of ducts up to 36" in width without the use of pins. FlexClad-250 is intended to cover rigid insulation, metal ductwork or pipes.

ADVANTAGES

- Use in place of rigid aluminum jacket or fabric/mastic systems
- Self-stick application saves time, labor, materials, and equipment
- Seals at laps; resists moisture; protects insulation
- Self-seals around fasteners
- Lightweight—does not need pins on smaller ducts
- Aggressive *Broad Temperature Spectrum (BTS)* adhesive sticks in cool weather

LIMITATIONS

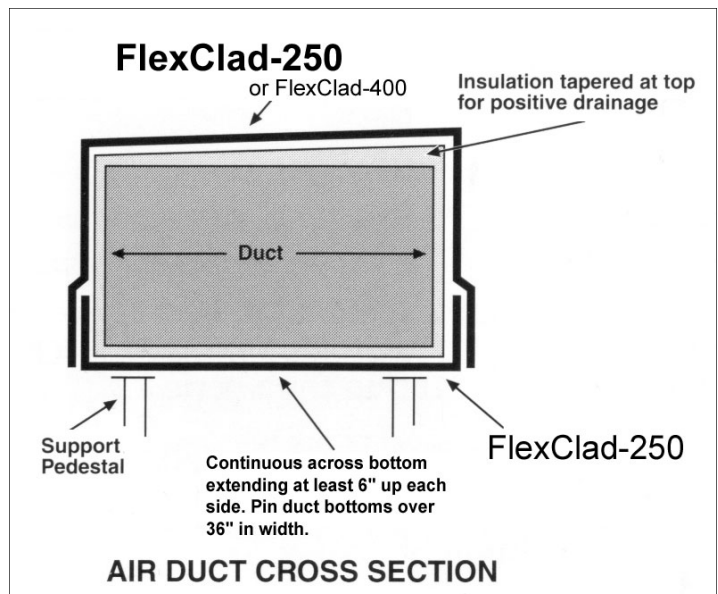
FlexClad-250 is designed to act as a waterproofing barrier. Do not use the product as a substitute for banding or other means of securely attaching insulation. Follow insulation manufacturer's instructions. FlexClad-250 is designed to protect rigid insulation from the infiltration of outside moisture into the system. It is not designed to handle the effects of air leaks, pressure-driven moisture caused by differential temperatures or extraordinary humidity. FlexClad-250 is not designed for permanent immersion in water.

INSTALLATION

FlexClad-250 uses a highly aggressive, pressure sensitive *BTS* adhesive. Always apply concentrated pressure to the entire surface of the membrane. Apply over rigid, foil-faced (FSK) insulation, rigid EPS or Poly-Iso insulation board. Overlap side laps by 3" and end laps by 6" in a shingle-type manner so that water runs over the seam. The tops of the ductwork must be angled to drain moisture! See complete installation instructions supplied with product.

TECHNICAL DATA

PROPERTY	ASTM	RESULTS
Thickness	D 1970	25 mils minimum
Roll Width	---	36"
Roll Length	---	50 feet
Colors available	---	Aluminum, Gray, Tan, White
Low Temp Flex	D 5147	Pass @ -20° F
UV stability	MFM Test	Excellent, >15 years
Low Temperature Adhesion	MFM Test	Adheres at 35° F



LIMITED WARRANTY

MFM Building Products Corporation (MFM) warrants material to be free from leaks caused by defects in materials or manufacturing for a period of ten (10) years from the date of purchase when the membrane is installed according to published directions. Please consult full Limited Warranty for complete details.