



**MFM Building Products Corp.** manufactures a wide range of innovative waterproofing products for the building industry. With more than 50 years of field experience, MFM products are engineered for superior performance and ease of installation.

## DESCRIPTION

FlexClad-400™ is a patented, pre-fabricated self-adhering, sheet-type protective membrane. The outer layer is an embossed, UV-resistant aluminum weathering surface. Under the aluminum are multiple layers of tough, high-density cross-linked polymer film. Under the polymer film is a uniform layer of aggressive rubberized asphalt adhesive which sticks directly to metal, insulation facers and most other clean, dry surfaces. The self-adhesive surface is protected by a disposable release liner.

## USES

Designed specifically to protect ductwork and sub-grade applications, FlexClad-400 can be applied over rigid board insulation, cold pipes, plenums, storage tanks, iron, copper, steel, PVC, CPVC and concrete. FlexClad can be used for piping systems, pipelines and other below grade structures. The product weatherproofs, resists water leaks and vapor transmission, preserves the efficiency of thermal insulation and reflects sunlight to reduce interior temperatures. FlexClad-400 is designed for exterior, interior or sub-grade use and it may be used in direct burial applications.

## FEATURES

- All-weather, light-weight, durable and tear-resistant
- Use in place of rigid aluminum jacket or fabric/mastic systems
- Exceeds 25/50 Flame/Smoke Rating
- Self-stick application saves time, labor, materials, and equipment
- Seals at laps, resists moisture, protects metal and insulation
- Excellent elongation to accommodate structural movement
- Uniform thickness for optimum waterproofing performance
- Self-seals around punctures and penetrations

## INSTALLATION

FlexClad-400 is a pressure sensitive product. Substrate must be properly prepared before installation. Always apply concentrated pressure to the entire surface of the membrane with a hand roller. Duct bottoms over 24" should be pinned. Please consult Installation Instructions for complete details.

## LIMITATIONS

FlexClad-400 is intended to act as a weatherproofing barrier. Do not use the product as a substitute for banding, pinning or other means of securely attaching insulation and underlying materials. Follow insulation manufacturer's instructions for attaching these products. FlexClad-400 is designed to protect insulation, air handling equipment and pipelines from the infiltration of outside moisture into the system. It is not designed to handle the effects of pressure-driven moisture caused by differential temperatures, air movement or extraordinary humidity. FlexClad-400 is not designed for permanent emersion in water.

## PRODUCT DATA

Installation Temperature Range	>40°F
Material Color	Aluminum, White, Gray, Almond
Roll Widths	4", 6", 36"
Roll Length	33.5 ft
Carton Weight	33 lbs
Rolls per Carton	9, 6, 1
Area per Carton	100 ft <sup>2</sup>
Cartons per Pallet	30
Maximum Temp.	175°F

## TECHNICAL SPECIFICATIONS

Property	Test Method	Result
Material Thickness	ASTM D 1970	40 Mils Nom.
Flexibility @ -20°F	ASTM D 1970	Pass
Vapor Permeance	ASTM E 96	0 perms
Nail Sealability	ASTM D 1970	Pass
Heat Aging	ASTM D 794	Pass
Ultimate Elongation MD	ASTM D 412	434%
Ultimate Elongation CMD	ASTM D 412	246%

## PRODUCT NUMBERS

Aluminum	White	Gray	Almond
36" - 52FC36	36" - 52FW36	36" - 52FG36	36" - 52FA36
6" - 52FC06	6" - 52FW06	6" - 52FG06	6" - 52FA06
4" - 52FC04	4" - 52FW04	4" - 52FG04	4" - 52FA04

## 10-YEAR LIMITED WARRANTY

MFM Building Products Corp. (MFM) warrants materials to be free from leaks caused by defects in material or manufacturing for a period of ten (10) years from the date of purchase when applied according to published directions.



**For the most current Installation Instructions, Warranties, Technical Specifications and Approvals, visit [www.mfmbp.com](http://www.mfmbp.com).**

FlexClad-400™ is covered by US Patent Nos. 4,936,938, 5,096,759 and 5,142,837.