

MFM FlexClad™ Sales Support Materials

Product Literature

mfm BUILDING PRODUCTS CORP.

FlexClad™ Duct and Pipe Sealing System

- Proven Performance
- Outperforms Metal Jacketing
- Waterproof & Vapor-Resistant
- Ideal For Indoor & Outdoor Applications
- Quick & Easy Self-Stick Installation
- Meets State Flame-Smoke Rating
- Resists Vapor Transmission
- Combats Premature Aging
- UV-Stable
- Reduces Energy Costs
- 10-Year Limited Warranty

FlexClad Sales Brochure

mfm Technical Information

FLEX CLAD 400

PRODUCT DATA

Approved Temperature Range	+85°F
Minimum Temperature Range	41°F (5°C)
Maximum Color	Aluminum, White, Almond
Material	Aluminum
Roll Length	333.5 ft
Roll Weight	33.5 lbs
Rolls per Case	5, 6, 11
Case per Case	167.5 lb
Case per Case	30
Minimum Temp.	12°C

DESCRIPTION
FlexClad-400 is a 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-strength cross-linked polymer film. Under the polymer film is a uniform layer of aggressive adhesive that allows easy installation directly to rigid insulation surfaces and most other substrates. 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 foam insulation, cold pipe, plumbing, storage tanks, roof, copper, steel, PVC, CPVC and concrete. FlexClad-400 is used for piping systems, pipelines and other below grade structures. For product waterproofing, FlexClad-400 is used for basement, crawlspace, the exterior of interior masonry and reflects sunlight to reduce interior temperatures. FlexClad-400 is designed to adhere to indoor 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 thermoplastic systems
- Exceeds 2500 Permeability Rating
- Suitable applications across fire, labor, materials, and equipment
- Safe at all, needs moisture, prevents mold and mildew
- Exceeds expectations to accommodate structural movement
- Uniform thickness for optimum waterproofing performance
- Self-seals around penetrations and perforations

INSTALLATION
FlexClad-400 is a pressure sensitive product. Substrate must be properly prepared before installation. Always apply concentrated attention to the entire surface of the membrane with a hand roller. Cut dimensions over all, should be correct. Please consult installation instructions for complete details.

LIMITATIONS
FlexClad-400 is intended to act as a waterproofing barrier. Do not use as a substitute for existing, approved or other means of existing waterproofing and underlying insulation. Follow manufacturer's instructions for affecting these products. FlexClad-400 is designed to protect insulation, all handling equipment and operators from the intrusion of moisture into the system. It is not designed to control the amount of pressure-stress moisture caused by differential thermal strains, displacement or extrusion forces. FlexClad-400 is not designed for permanent immersion in water.

TECHNICAL SPECIFICATIONS

Property	Test Method	Result
Minimum Thickness	ASTM D 1592	48 Mil Min.
Permeability Coefficient	ASTM D 1631	Pass
Water Penetration	ASTM D 1674	Pass
Water Absorption	ASTM D 1675	Pass
Water Uptake	ASTM D 1708	Pass
Water Vapor	ASTM D 1709	Pass
Water Vapor	ASTM D 1709	Pass
Water Vapor	ASTM D 1709	Pass
Water Vapor	ASTM D 1709	Pass
Water Vapor	ASTM D 1709	Pass
Water Vapor	ASTM D 1709	Pass

PRODUCT NUMBERS

Aluminum	White	Almond
400-1212	400-1213	400-1214
400-1215	400-1216	400-1217
400-1218	400-1219	400-1220

10-YEAR LIMITED WARRANTY
MFM Building Products Corp. (MFM) warrants materials to be free from defects caused by defects in materials or workmanship for a period of ten (10) years from the date of purchase when applied according to published practices.

For the most current installation instructions, Warranties, Technical Specifications and Appropriate, visit:
www.flexclad.com

mfm BUILDING PRODUCTS CORP.
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1200 Flex Clad 200 (200) Issue 1/15

mfm Technical Information

FLEX CLAD 250

PRODUCT DATA

Approved Temperature Range	+85°F
Minimum Temperature Range	41°F (5°C)
Maximum Color	Aluminum, White
Material	Aluminum
Roll Length	60 ft
Roll Weight	25.5 lbs
Rolls per Case	6, 11
Case per Case	165.0 lb
Case per Case	25
Minimum Temp.	12°C

DESCRIPTION
FlexClad-250 is a 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-strength cross-linked polymer film. Under the polymer film is a uniform layer of aggressive adhesive that allows easy installation directly to rigid insulation surfaces and most other substrates. The self-adhesive surface is protected by a disposable release liner.

USES
Designed specifically to protect ductwork and sub-grade applications. FlexClad-250 can be applied over rigid foam insulation, cold pipe, plumbing, storage tanks, roof, copper, steel, PVC, CPVC and concrete. FlexClad-250 is used for piping systems, pipelines and other below grade structures. For product waterproofing, FlexClad-250 is used for basement, crawlspace, the exterior of interior masonry and reflects sunlight to reduce interior temperatures. FlexClad-250 is designed to adhere to indoor 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 thermoplastic systems
- Exceeds 2500 Permeability Rating
- Suitable applications across fire, labor, materials, and equipment
- Safe at all, needs moisture, prevents mold and mildew
- Exceeds expectations to accommodate structural movement
- Uniform thickness for optimum waterproofing performance
- Self-seals around penetrations and perforations

INSTALLATION
FlexClad-250 is a pressure sensitive product. Substrate must be properly prepared before installation. Always apply concentrated attention to the entire surface of the membrane with a hand roller. Cut dimensions over all, should be correct. Please consult installation instructions for complete details.

LIMITATIONS
FlexClad-250 is intended to act as a waterproofing barrier. Do not use as a substitute for existing, approved or other means of existing waterproofing and underlying insulation. Follow manufacturer's instructions for affecting these products. FlexClad-250 is designed to protect insulation, all handling equipment and operators from the intrusion of moisture into the system. It is not designed to control the amount of pressure-stress moisture caused by differential thermal strains, displacement or extrusion forces. FlexClad-250 is not designed for permanent immersion in water.

TECHNICAL SPECIFICATIONS

Property	Test Method	Result
Minimum Thickness	ASTM D 1592	23 Mil Min.
Permeability Coefficient	ASTM D 1631	Pass
Water Penetration	ASTM D 1674	Pass
Water Absorption	ASTM D 1675	Pass
Water Uptake	ASTM D 1708	Pass
Water Vapor	ASTM D 1709	Pass
Water Vapor	ASTM D 1709	Pass
Water Vapor	ASTM D 1709	Pass
Water Vapor	ASTM D 1709	Pass
Water Vapor	ASTM D 1709	Pass
Water Vapor	ASTM D 1709	Pass

PRODUCT NUMBERS

Aluminum	White
250-1212	250-1213
250-1214	250-1215
250-1216	250-1217

10-YEAR LIMITED WARRANTY
MFM Building Products Corp. (MFM) warrants materials to be free from defects caused by defects in materials or workmanship for a period of ten (10) years from the date of purchase when applied according to published practices.

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FlexClad-400 and FlexClad-250 Technical Data Sheets



FlexClad™ Literature is also available in French Canadian and Latin American Spanish languages at www.flexclad.com.

Sample Cards

(Available for both FlexClad-400 and FlexClad-250)

FLEX CLAD™ Flexible, self-adhering, weatherproofing system for non-insulated and insulated duct and pipe

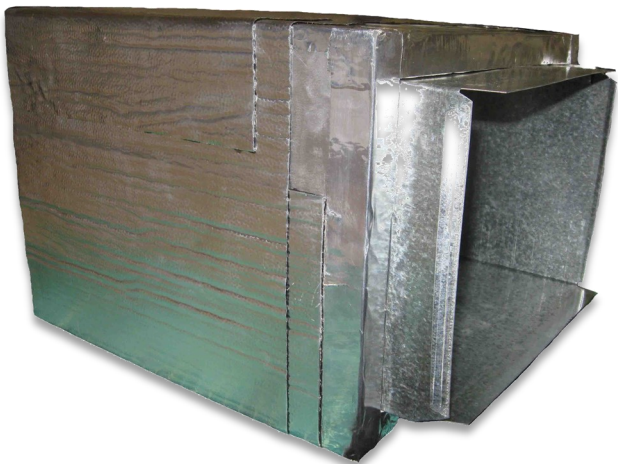
FLEX CLAD™ Flexible, self-adhering, weatherproofing system for non-insulated and insulated duct and pipe

FLEX CLAD™ Flexible, self-adhering, weatherproofing system for non-insulated and insulated duct and pipe

Sample cards are available in Aluminum, White and Almond.

FlexClad Demo Unit

(Duct Mock-Up for Sales Presentations and Education)



Three-dimensional display allows for easy training on the proper installation of FlexClad to rigid insulated ductwork.

FlexClad Counter Card

(11" x 14" Easel Back Laminated Counter Display)

FLEX CLAD™

SELF-ADHERING Duct & Pipe WATERPROOFING MEMBRANE

Visit FlexClad.com for More Information and FREE FlexClad™ Samples

Aluminum White Almond

mfm BUILDING PRODUCTS CORP. www.flexclad.com 800-882-7663

FREE Product Samples can be requested 24/7 on our website at www.flexclad.com, under the Contact Us section.