



MASTER PACK FIREGARD is a liquid applied, single component coating that contains highly effective fire retardants to reduce flame spread in the event of fire. It is listed by the Asbestos Information Center and the United States Government as a suitable sealant for encapsulation of low density asbestos lagging and asbestos insulation. Available in white or custom colors, **MASTER PACK** FIREGARD may be used as a waterproof, fire resistant coating over all types of insulation and other combustible substrates. **MASTER PACK** FIREGARD has been in constant use for over 25 years, protecting attics, crawl spaces, tanks, wooden structures, boilers, freezers, production and storage facilities in all types of climates.

Outstanding Features:

- Produces a fully adhered, seamless, waterproof membrane that can readily be washed.
- Protects substrate against fire, UV damage, acid rain and fungal attack.
- Easy to apply directly out of the container by brush, roller or airless spray.
- May be used on vertical, pitched and horizontal surfaces.
- Remains flexible, tough and weatherproof at low temperatures and will not flow at high temperatures.
- Water-based formula means quick and easy cleanup.
- Sets quickly and begins to cure immediately after application.
- Easy to use single component formula means no measuring or mixing.
- Extremely low smoke emission.

Recommended for:

Can be used over insulation, polyurethane foam, wood, wood composites, concrete, stucco, mineral composites, bricks/masonry and other surfaces both on the interior and exterior of buildings.

Specifications:

Coating:	Air drying, halogenated, aquaborne copolymer
VOC:	Zero gms/liter
Pot Life:	Not applicable (single component)
Shelf Life:	2 years (unopened) from date of manufacture
Recommended Thicknesses:	5 mils DFT crawl spaces; 10 mils DFT attics; 14 mils DFT thermal barrier
Coverage:	See application
Packaging:	1 gal, 5 gal, 55 gal drum
Color:	26 standard colors, including white and custom tints

Application:

All surfaces to be coated must be clean, dry and free of loose particles, oils, grease or any substance that would interfere with proper bond. A careful inspection of the surface should be made to detect any signs of damage or defects, and all repairs should be completed before application begins. Most non-porous, non-metallic surfaces will not need to be primed. Porous surfaces should be primed with Polaprime 2. Once preparation is completed and any primers are thoroughly dry, **MASTER PACK FIREGARD** may be applied.

MASTER PACK FIREGARD may be applied using brush, roller or airless spray technique. Application for an ignition barrier in crawl spaces is 135 sq. ft. per gallon; application as an ignition barrier in attics is 100 sq. ft. per gallon; application as a thermal barrier in freezers etc. is 73 sq. ft. per gallon.

Clean up:

Tools may be cleaned using water while the product is still wet. If the material has dried, a suitable cleaning solvent may be used.

Limitations:

Do not apply to frozen or saturated surfaces. Protect product from freezing. Any exterior application should not commence or proceed when precipitation is forecast within 4 hours. Store out of direct sunlight.

Precautions:

During handling of this product, it is recommended that normal safety equipment, such as rubber gloves and chemical splash goggles, be worn. Do not ingest. In case of ingestion, induce vomiting and seek immediate medical attention. Avoid contact with skin and eyes. In case of contact, flush with clear water for at least 15 minutes. In case of contact with eyes, seek immediate medical attention in addition to flushing.

Keep out of reach of children and pets.

Technical Data:

Moisture Vapor Transmission:	.38 perms @ 10 mils dft	ASTM E-96
Tensile Strength:	520 psi	ASTM D-412
Elongation:	1000% @ 75°F	ASTM D-412
Solids:	71% (B.W.);60% (B.V.)	ASTM D-1044
Shore 'A' Hardness:	52	ASTM D-2240
Thermal Barrier Properties:	15 minutes	UBC 26-2,ASTM E-119
<u>External Flame Resistance:</u>		
-On Class 4 on PUF:	Ext. SAA (Class 1)	BS 476 Part 3
-On Asbestos Sheet:	Ext. SAA (Class 1)	BS 476 Part 3
-On Polystyrene Foam:	Class 0	BS 476 Part 6
-On Class 4 Polystyrene Foam:	Class 1	BS 476 Part 7
-On Asbestos:	Class 1	BS 476 Part 7
Interior Flame Spread:	Index 5	ASTM E-84
Smoke Developed:	Index 30	ASTM E-84
Chemical Resistance:	Resists most common chemicals	
Mold Resistance:	Zero growth @ 1.7 x 10 ⁽⁷⁾ cfus/ml	AC5168

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