

**SPECIFICATIONS:**

Coating Type:	Air drying, halogenated, aquaborne copolymer
VOC:	Zero grams/liter
Pot Life:	Single component
Shelf Life:	12 months
Recommended Thickness:	16 mils dry film thickness
Coverage:	2 coats @ 120 square feet/gallon
Packaging:	5 gallon pails
Color:	26 standard colors, including white and custom tints

**APPLICATION:****Caution! READ THIS ENTIRE DATA SHEET BEFORE CONTINUING.**

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. Metals should be primed with Polaprime 21. Porous surfaces should be primed with Polaprime 2. Once preparation is completed and any primers are thoroughly dry, ANDEK FIREGARD may be applied. ANDEK FIREGARD may be applied using brush, roller or airless spray technique. The first coat should be applied at a rate of 120 square feet/gallon. Once the 1<sup>st</sup> coat has dried, a 2nd coat should be applied at a rate of 120 square feet/gallon. If fabric is required for additional reinforcement, it should be incorporated into the 2nd coat. 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.

**COVERAGE:**

120 square feet per gallon per coat. Two coats are required for optimum performance.

**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. For more information, call our Technical Department.

**TECHNICAL DATA:**

Moisture Vapor Transmission:	45 gms/M2/24 hrs (3.8 perms)	ASTM E96
Tensile Strength:	520 lbs/square inch	ASTM D-412
Elongation:	1000% @ 75°F	ASTM D-412
Total Solids Content:	71% (B.W.); 60% (B.V.)	ASTM D-1044
Flashpoint:	Non-flammable	ASTM D-2240
Shore 'A' Hardness:	52	ASTM D-240
Impact Resistance 4 mm indent:	No cracking or loss of adhesion	BS 3900 Part E3
External Flame Resistance:		
-On Class 4 on PUF	Ext. SAA (Class 1)	BS 476 Part 3

-On Asbestos Sheet	Ext. SAA (Class 1)	BS 476 Part
-On Polystyrene Foam	Class 0	BS 476 Part 6
-On Class 4 Polyurethane Foam	Class 1	BS 476 Part 7
-On Polystyrene Foam	Class 1	BS 476 Part 7
-On Asbestos	Class 1	BS 476 Part 7
Interior Flame Spread	Index 5	ASTM E84
Smoke Developed	Index 30	ASTM E84
Chemical Resistance:	Resists most common chemicals	