

ANDEK FIREGARD™

Fire Resistant Waterproofing Coating



Performance
Coatings & Sealants
Systems

DESCRIPTION

ANDEK 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, ANDEK FIREGARD may be used as a waterproof, fire resistant coating over all types of insulation and other combustible substrates. ANDEK FIREGARD has been in constant use for over 20 years, protecting ducts, pipes, tanks, wooden structures, building components, boilers, freezers, production and storage facilities in all types of climates.

OUTSTANDING FEATURES

- ✓ Can be used over insulation, polyurethane foam, steel, aluminum, concrete, wood, and other surfaces
- ✓ Produces a fully adhered, seamless, waterproof membrane
- ✓ Protects substrate against rust, corrosion, 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
- ✓ Highly penetrative and workable

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. 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 1st 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.

SPECIFICATIONS	
Coating Type	Air drying, halogenated, aquaborn polymer
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

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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. For more information, call our Technical Department.

TECHNICAL DATA		
Moisture Vapor Transmission	45 gms/M2/24 hrs (3.8 perms)	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
Flashpoint	Non-flammable	
Shore 'A' Hardness	52	ASTM D-2240
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 3
-On Polystyrene Foam	Class 0	BS 476 Part 6
-On Class 4 Polyurethane 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	

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