

**FIRECADE 2000-**  
Intumescent Elastomeric

*Provides a reflective waterproof and fireproof membrane over several surfaces.*

**High Performance  
Fireproof Protection**

*FIRECADE 2000 is an ultra-tough, highly reflective, super-fireproof and waterproof, alkali-resistant, water-based elastomeric coating ~ providing a Class A fire rating over modified bitumen roof systemsurethane foam and other substrates.*

**> U.L and Warnock Hersey approved Class A fire retardant coating**

**Works Great Over:**

- Concrete
- Stucco
- Masonry
- Wood
- Fabrics
- Metal
- Natural Stones
- Foam
- Asphalt
- Mineral Surface Modified Bitumen
- Smooth Surface Modified Bitumen
- Smooth Surface Built-Up Roof
- Mineral Surface Built-Up Roof
- Granulated Asphaltic Surfaces

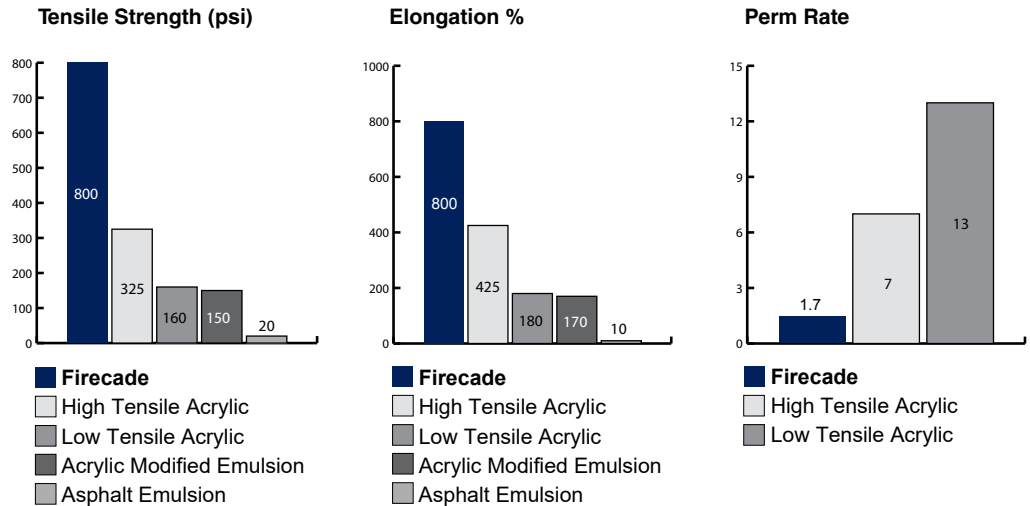
**Recommended Uses:**

- Fireproofing
- Waterproofing
- UV resistance
- Prolonging Roof Life
- Protection

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made in **USA**  
designed by Davlin in **California**

**Guaranteed performance: 10 Year Material Warranty**



**Save Money**

- Light Weight—**Install Over Existing Surface**
- Restores Existing Roof—**Avoid a Costly Tear-Off**
- Blocks UV—**Stops Deterioration**
- Cures Fast—**Complete the Job Faster**
- More Coverage—**Fireproof at the Lowest Cost**
- Considered Maintenance— **Write-Off Coating This Year**

*Due to its light weight, Firecade can be applied over existing roof systems. Firecade provides excellent coverage and fireproofs better than alternatives. During the spray application, Firecade cures quickly, allowing faster job completion.*

**Extend Roof System Life**

- Tenacious Adhesion—**Sticks Firmly to Substrate**
- High Tensile Strength—**Prevents Cracking & Crizzling**
- Low Perm Rate—**Keeps Liquid Out**
- Breathes—**Lets Water Vapor Pass**
- Resists Alkali—**Apply in Low-pH Environment**
- Resists Acid—**Withstand Acidic Rain**
- Resists Salts—**Apply Near the Ocean**

*Firecade creates superior fireproof and waterproof membrane, forming a vapor barrier at 1.7 perms. Firecade provides almost twice the reflection of aluminum coatings with over 90% reflectivity compared to 50% for aluminum coatings. - This can reduce cooling costs and thermal fluctuations.*

**Protect the Environment**

- Few Anti-microbial Additives— **Keep Runoff Clean**
- No Solvents, Low VOC— **Avoid Harmful Fumes**
- Non-Toxic— **Preserve Building Health**

*Rubber Seal is water-based for easy cleanup and low odor. It contains low VOCs to keep the air healthier for people to breathe. Because of the low perm rate and smooth top coats, Rubber Seal systems require few anti-microbial agents. Also, Davlin products contain NO zinc additives and have a low erosion rate, which contributes to cleaner waste-water in our streams, rivers, lakes, and bays.*



**Earth Friendly Solutions**  
for over forty years

**Firecade 2000** is uniquely formulated to fireproof and protect a variety of substrates. Designed as a single-part water based coating with the highest performance in coastal, temperate, humid, hot, and extreme alkaline environments. Firecade creates a tough, long-lasting protective membrane that remains flexible over time, even under adverse conditions. Its elongation and tensile strength provide unsurpassed resistance to maintenance traffic, weather conditions, and wear. Unlike similar generic coatings, Firecade is formulated to have exceptional adhesion to a variety of substrates. Its proprietary formula features copolymer elastomeric resins to produce a seamless, flexible, durable membrane that displays exceptional weathering ability and good UV resistance.

**Caution:** If surface and roof temperatures are between 50° - 70°F then Firecade may be applied in 1 thick coat of 24 wet mils at a rate of 1.5 gallons per 100 square feet. Do not attempt to apply Firecade in thick layers when temperatures are above 70°F. This can result in blistering caused by the top layer quickly skinning over, leaving uncured Firecade underneath. Consult Davlin for special application procedures when the surface or air temperature exceeds 100°F

Properties	Test Method	Results at 73°F
Tensile Elongation	ASTM D2370, 1 in./min.	800%
Perms @ 20 mils DFT	ASTM E96, Proc. B	1.7
Solids by Weight	ASTM D2369	60%
Solids by Volume		46%
Viscosity	Stromer K.U.	100-120
Min DFT to achieve Class A		11 mils
Coverage per coat per 100sq ft		3/4 - 1 1/2 gallons
Temperature Air and Surface		45° - 100°F, 7° - 38°C
Coats		1-2
Curing Mechanism		Air Dry
Drying Time to Re-Coat		4 - 8 hours
Packaging		1, 3, 5, 55 Gal
Color		White or Custom
Finish		Eggshell

**Installation:** Remove all contaminants and loose material, such as dust, dirt, oil, silicone, release agents, wax, mildew, salt deposits, heavy oxidation, and chalky or loose coating. Check the entire roof surface and thoroughly power wash it. Do not apply at temperatures below 45°F nor during—nor 24 hours preceding—inclement weather, including rain, fog, mist, or freezing temperatures. PROTECT FROM FREEZING DURING SHIPMENT AND STORAGE. Do not store material at temperatures below 40°F. Flush all equipment with water before use. Stir Firecade thoroughly until uniformly blended, but avoid excessive mixing to prevent air entrapment.

**Spray & Roller Application:** Apply a wet coat in even, parallel passes, overlapping each pass 50% to avoid holidays, bare areas, and pinholes. Cross-roll or spray at a right angle to the first pass. Porous concrete will require more than one pass. On rough surfaces, back roll the first coat to ensure that coating is pushed deep into surface.

Apply 1 coat of Firecade at 1 gallon per 100 square feet, dry film thickness of 11 mils (minimum DFT to achieve class A). Allow 4-8 hours to dry. Use Rule-of-Thumb test prior to installing the next coat: when one's thumb is pressed firmly to the coating, none of the coating will adhere to the thumb. Second coat is optional. Clean equipment with water or water and detergent immediately after use.

**Equipment:** The following is a guide; suitable equipment from other manufacturers may be used. Changes in pressure, tip size, and equipment may be needed for proper spray characteristics.

**Airless:** Standard equipment such as Graco Bulldog Hydra Spray 30 or 45:1 pump with a 0.035- 0.040 inch reversible fluid tip.

**Conventional:** IMachine tesred Binks model 98-792, ratio 10:1, delivery 5 gpm

**Brush or Roller:** Suitable for waterborne coating. Roller nap will vary according to texture of substrate.

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