

Improved  
**CLASSIC**  
**C 5 LD™**

UNIVERSAL  
**FIRE-SHIELD**



Space Age Technology



**CLASSIC 5 LD™** BRAND FIREPROOFING MATERIALS (SRFM)

Flame Resistant Coating and Texture, a Thermal High Temperature Insulation Coating  
Insulates up to 1800 F (980 C) SPRAY ON RESISTIVE FIREPROOFING MATERIAL.

**APPLICATIONS: COMMERCIAL, INDUSTRIAL AND RESIDENTIAL**

An exclusive formula flame and heat inhibiting compound. A SUPERIOR GRADE. Now with Fire-Shield Retardant and siliceous volcanic rock you get more thermal resistance. Siliceous volcanic rock expands under high heat. A lighter weight thermal high temperature insulated coating rated Class "A", Class I. Specifically formulated for maximum protection on ceilings and walls, steel beams where high fire and heat resistance is required. INTERIOR applications. For other uses contact your distributor or corporate office. A system to achieve 30- 45 minutes, 1 and 2 hour ratings. Because it can be applied on most surfaces and hard to reach areas, Classic 5 LD solves many problems that must be addressed. Can also be used as a fire stop. 1/8 inch= 30 min.. 1/4 inch=1 hour, 1/2 inch or more =2 hour resistance. Tested by Universal Protective Technologies under direct flame 2000 degrees. Approximate spread rate is 40 - 50 sq. ft. per package of dry-mix at 1/4 inch thick rate.

Produced and manufactured by The Schundler Company. Classic 5 LD is in compliance and tested to ANS/UL 263 and maintains UL Approvals for 5 Designs.. This product provided by Universal Fire Shield and the Schundler Company has been enhanced and approved to sell this material for these applications, Y726, Y727, D943, D787, P743. City of NEW YORK MEA APPROVAL No. 411-03-M. Meets UL 1479 and 1709 for interior structural fireproofing applications of structural steel members, decking, tanks and vessels. Property test: ASTM E-605, E-760 Passes, E-759 Passes, E-119, Flame spread 10, Smoke Development 0. Temperature conductivity ASTM C-447 from 100 F degrees to 1800 F degrees. Package shelf life 1 year. Store in dry storage area.

CLASSIC 5 LD™ Trade Secret Formula, Intellectual Property. MSDS information:= This in-organic based compound a high temp coating with gypsum, quartz, perlite and other ingredients.. Total Solids =100%, weight per bag 33 lbs., Flash Point=0 Non-flammable, Color = Lt.. gray , Volatility= no asbestos, PBD, Fungus= anti-fungus, Bacteria=mildly resistant, Linear shrinkage=sleight, Corrosion=none, Preservative=excellent,. These chemicals and compounds comply with all United States Federal Regulations. Meets or exceeds city, county and state codes. There are no PBDE or EPA issues to date.

**APPLICATION PROCEDURE:**

Can be applied by power pump sprayer systems, hoppers, rotor, auger, plaster pump systems and others. For best results apply Classic 5 LD™ by building the thickness to desired level. Allow to dry slightly between coatings. Applicator of fireproofing must wear protective clothing, eye ware, neoprene gloves and a painters mask or any good respirator type mask, the same as for paint or dust. Allow to dry between coatings. Clean up any over spray as soon as possible, clean up equipment as soon as possible with water and detergent soap. Mildly toxic during application phase only. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. If chemical gets into eyes wash out immediately flood with water. SAME PRECAUTIONS AS FOR ALL CHEMICALS.

Classified: Flame resistant and high temperature insulator.

**SURFACE BURNING CHARACTERISTICS OF APPLIED COATING**

A Superior Grade. Fire Rated Class "A" Flame Spread =10, Smoke developed =0, Flash point= 0, Organic and inorganic compound aqueous based coating and compound Class I and 2.



**New and Improved**

## **CLASSIC 5 LD™**

**(SRFM) SPRAYED RESISTIVE FIREPROOFING MATERIAL**



### **This in-organic thermal fire proofing material**

An Intellectual Property. Classic 5 LD™ is a Sprayed Resistant Fireproofing Material and is designed to help meet high temperature insulation and fire resistance as to assembly's. Meeting UL 263 & UL 723, 1/2 hour, 1 hour and 2 hour thermal resistance respectively. Ideal where FR Xgypsum board is not practical or re-achable.

Classic 5 LD is a light weight product yet superior in performance and easy to apply.

Manufactured by The Schundler Company, Approved ANS/UL 263 Property Test--- ASTM E-605, E-760 Passes, E-759 Passes, E-119. Flame spread 10, Smoke Dev. 0. Shelf life 1 year. Temperature conductivity ASTM C-447 from 100 'F to 1800 'F. Corrosion resistance as to ASTM E 761, no cracking and superior bond strength. ASTM E 119 The test provides a relative measure of the fire-test-response of comparable building elements under these fire exposure conditions. A "Certified Application Certificate" will be supplied after project completion and passed inspection. City of New York MEA APPROVAL NO. 411-03-M

### **DIRECTIONS THREE PART MIX -**

#### **DRY MIX BLEND**

Pour 16 oz. of an exclusive Flame Retardant Curing Agent part (A) to 3.5 gallons of water (C). Then blend in the CLASSIC 5 LD mix (B) to a soft consistency that will easily flow in a hopper or texture type machine. Mortar or small cement mixers can be used for blending as well as portable blades. Do not let blended product remain in the sun or have air compressor units heat the mix for long periods as it will set prematurely. Curing time will depend on thickness of application and humidity. Be sure to let Classic 5 LD set before adding additional coats of product. It is best to apply several light coats rather than one heavy coat. Product will shrink slightly when drying.

**TYPES OF SPRAY UNITS:** Requires heavy duty spray equipment such as professional texture sprayer machines, most drywall companies use. Typical tip sizes are: Medium size = 3/16- 1/4 in. (5-6.5mm) up to 3/8 - 1/2 in. (8-12mm). Smaller areas a texture hopper can be used. Spread rate will vary according to how heavy product is applied.

Clean up with soap and water. Do not leave mix in mixer over night or on application tools. Excess can be stored by covering for short periods. Use mixed Classic 5 LD within 90 min. Let cure and set 6 - 8 hours. Coverage spread rate depends on thickness of application. 40 sq. ft. per bag to reach 1 hour, 25 sq. ft per bag mix as a general rule to reach 2 hour rating.

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