



Space Age
Technology

UNIFIREX F-10™ FIREPROOFING MATERIALS (SRFM)

Flame & Heat Resistant Coating and Texture, a High Temperature Thermal Insulation and 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 & 2. Specifically formulated for maximum protection on ceilings, walls, between floors, steel beams and columns. Where high fire and heat resistance is required. INTERIOR applications. For other uses contact your distributor or corporate office. A system to achieve 30 minutes up to 1, 2 and higher hourly ratings. Because it can be applied on most surfaces and hard to reach areas, UNIFIREX F-10 solves many application problems. Can also be used as a repair of other chipped off coatings. Spread rates quoted are for general applications. 3/16" inch= 30 min., 3/8" inch=1 hour, 3/4" inch = 2 hour resistance. The thickness indicated is for determining how much material would be needed to achieve these ratings. It is to be noted that for certain designs as listed below you must meet that thickness as to the tested approval.

When applying to wood surfaces it is best to treat the wood first with Wood Shield W-1000 or Fire Kote 100 an intumescent flame retardant that will render the wood surface non-combustible. After apply the Unifirex F-10 to the appropriate thickness.

Produced and manufactured by UNISHIELD INTERNATIONAL. LLC. in the USA. This product has been tested by Universal Protective Technologies and Field Tested since 1998. To be in compliance to meet ANS/UL 263 and maintains and meets other designs.. This product provided by Universal Fire Shield Products Division is designed and approved to sell this material to meet these design applications, Y726, Y727, D943, D787, P743. City of NEW YORK MEA APPROVAL No. 411-03-M. . It is recommended that if your project needs to meet these designs you can Google the designs and find the thickness needed for these respective designs.

Meets or exceeds UL 1479 and 1709 for interior structural fireproofing applications steel members, columns, decking, tanks and vessels. Property test: ASTM E-605, E-760 Passes, E-759 Passes, E-119, Flame spread 5, Smoke Development 0. Temperature conductivity ASTM C-447 from 100 F degrees to 1800 F degrees. Package shelf life 1 year.

APPLICATION PROCEDURE:

Can be applied by power pump sprayer systems, hoppers, rotor, auger, plaster pump systems and others. For best results apply UNIFIREX F-10™ by building the thickness to desired level. Allow to dry slightly between coatings. Applicator of fireproofing should wear protective clothing, eye ware, neoprene gloves and a painters mask or any good respirator type mask, the same as for paint or other coatings and dust. Allow to dry between coatings. Clean up any over spray and equipment as soon as possible with water or add detergent for extra clean.



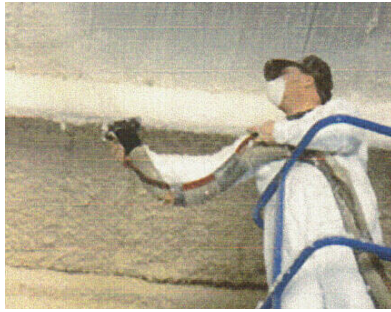
UNISHIELD INTERNATIONAL. LLC - www.firechemicals.com - 1800-608-5699



Nations Number One Application
Superior Performance

UNIFIREX F-10™

(Srfm) sprayon resistive fireproofing material



UNIFIREX F-10™ is a Spray On Resistant Fireproofing Material and designed to help meet high temperature insulation and fire resistance as to fireproofing for designs and assembly's. Can meet UL 263 & UL 723, ½ hour, 1 & 2 hour and more. Thermal resistance ideal where sheet rock FR Xgypsum board is not practical or reachable. This product can be an alternative application, however check with code enforcement in your area before replacing sheet rock.

UNIFIREX F-10™ is a light weight product yet superior in performance with an exclusive intumescent curing agent and flame retardant which supplies added protection for wood and other surfaces. Manufactured by Unishield International, LLC made in USA. Meets ANSI/UL 263 property test, ASTM E-605, E-760 Passes, E-759 Passes, E-119. Flame Spread 05, Smoke Dev. 0. Shelf life one year in dry storage. Corrosion resistance as to ASTM E-761. Temperature conductivity ASTM C-447 from 100 'F to 1800 'F. Slight shrinkage when dried, no cracking and superior bond strength. The test information provides a relative measure of fire-test-response of comparable building elements under these for exposure conditions.

NOTE: ASTM and NFPA test are similar to UL. Certified UL is not required in all applications.

TYPES OF SPRAY UNITS FOR APPLICATION: 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. (5-6.5 mm) up to 3/8 - 1/2 in. (8-12 mm). 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 UNIFIREX F-10 within 90 min.

Let cure and set 6 - 8 hours. Coverage spread rate depends on thickness of application. Approximately 32 sq. ft. per 31 lb. bag to reach 1 hour, 23 sq. ft per 31 lb. bag of mix as a general rule to reach 2 hour rating.

UNIFIREX F-10™ Trade Secret Formula, Intellectual Property.

MSDS information: Organic and In-organic compounds including gypsum, quartz, perlite and other materials. Total Solids=100%, weight per bag 31 lbs., Flash Point=0, Non-flammable, Color=Light gray, Volatility=none, no asbestos, fungus=anti-fungal, Bacteria=resistant, Linear shrinkage= slight, Corrosion= none. These chemicals and dry compounds comply with all United States Federal Regulations. Meets are exceeds city, county, state and national fire codes.

"CERTIFIED APPLICATION CERTIFICATE" Can be issued after application completion and inspection.

UNISHIELD INTERNATIONAL, LLC - 3544 Waterfield Pkwy, - Lakeland, FL 33803 - 1-800-608-5699

Nations Number One Application - Superior Performance . With intumescent curing agent and flame retardant.