

Galvanizing, Coatings, and Fire Protection

Company	Products Offered	Product Descriptions
A/D Fire Protection Systems http://www.adfire.com 800.263.4087	A/D FIREFILM® II	A decorative, thin-film intumescent coating for structural steel. Allows the designer to maintain an exposed painted steel appearance, while providing a fire resistance rating of up to three hours.
	A/D Type FP	A sprayed fire resistive material intended for application to structural steel, concrete, and other substrates. Provides fire protection, thermal insulation, and acoustic properties.
	A/D Type 5	A spray applied, single component factory blended cementitious fireproofing. Intended for application to structural steel columns and beams, steel decking, and concrete surfaces.
	A/D FIREBARRIER Firestop System	A complete line of firestopping products. Each product is independently certified to assure rated fire protection for penetrations through fire-rated floors and walls.
Albi Manufacturing, div. of StanChem, Inc. http://www.albi.com 860.828.0571	Albi Clad	Thin, intumescent mastics that retain the architectural aesthetics of designs and provide durable fire protection. Pass UL's accelerated, simulated environmental tests without a topcoat.
	Albi Clad 800	Intumescent coating that protects both internal and external structural steel, concrete, and other construction materials from fire.
	Albi Clad TF (Thin Film)	Water-based intumescent material for interior structural steel.
	Albi DriClad	Offers fire-safety properties and is supplied as 4' x 6' boards.
American Galvanizers Assoc. http://www.galvanizeit.org 720.554.0900		Free continuing education (AIA/HSW & NCEES) for specifiers, free technical publications, and free technical support.
Brite Zinc, div. of Weld-Aid Products, Inc. http://www.briteproducts.com 313.883.6977	Brite Zinc	A ready-to-apply, organic zinc compound with a 70% dust in the dry film. A solution for repairing hot-dipped galvanized metals. Can be brushed or sprayed on a prepared metal surface for galvanic-action rust protection. Meets requirements of the DOD-P-21035A and other specifications.
Carboline Company http://www.carboline.com 314.644.1000	Galoseal WB	A bonding primer for new galvanizing. Creating a bond for color-coating galvanizing, it eliminates chronic delamination problems associated with painting new galvanizing.
	Carboxane 2000	A weathering finish with gloss and color retention that demonstrates 25-30 year performance. User friendly and available in custom colors.
	Carbozinc	Permanent life primers for structures. Spray-on galvanizing products that are available in a number of versions based on needs.
	Nullifire	A series of paint-on fireproofing finishes for the protection of steel structures. Allows design flexibility in maintaining exposed steel appearances while providing required fire resistance.
Cortec Corporation http://www.CortecVCI.com 800.426.7832	Cortec® low VOC urethane coating system	Provides corrosion protection and weatherability to painted outdoor metal structures. Uses a specially formulated primer, Cortec® VpCITM 396, and high gloss topcoat Cortec® VpCITM 384. System offers barrier corrosion protection and vapor phase corrosion inhibition. System provides effective corrosion protection to steel, aluminum, cast iron, and galvanized steel.
	Cortec® VpCITM 384	A white color that can be prepared in almost any desired color. Allows color schemes to be maintained while offering UV resistance, solvent resistance, and no change in corrosion protection.
Duncan Group http://www.duncangalvanizing.com 617.389.8440	Duncan Thermoplex	A dry-applied thermoplastic coating heat-cured to form a durable, thick, soft-feeling coating. It can be applied over galvanized steel, uncoated steel, or aluminum. The material is 100% non-toxic, usable in food applications, and has a 20,000-hour salt-spray test rating.
	Primergalv	A factory-applied universal primer for freshly galvanized steel that is to receive a field-applied topcoat.
	Colorgalv	A patented factory-applied architectural color finish for hot-dip galvanized steel. The architectural standard for a "wet"-applied coating system for galvanized steel.
	Thermoset	A dry-applied polyester material that is designed for a range of applications including interior and architectural metal. It can be applied over galvanized steel, "black" (uncoated) steel, or aluminum and is available in most colors and textures.
Elcometer Inc. http://www.elcometer.com 800.521.0635		Manufacturer and supplier of inspection equipment to the coating industry. Elcometer also designs and develops new products. The Elcometer Catalogue provides technical content for quick and accurate identification needs for both field and laboratory use. In addition to a product line of test methods and instrumentation for the quality control of surface coatings, concrete and physical test equipment instruments are now offered.
Grace Construction Products http://www.graceconstruction.com 866.333.3726	Monokote® MK-6®	Proven in-place performance on interior structural steel makes it the most widely used fireproofing in the world. MK-6® is a low cost, gypsum based cementitious spray-applied fireproofing designed for easy, fast application to steel and concrete substrates.
	Monokote® Z-106	A Portland cement-based, medium density, cementitious fireproofing designed to meet specific commercial and industrial fire protection requirements on structural steel members, floor/ceiling, and roof/ceiling assemblies.
	Monokote® Z-146	A Portland cement-based, high-density cementitious fireproofing designed to high durability standards for the protection of interior and exterior structural members.

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Grace Construction Products http://www.graceconstruction.com 866.333.3726	Retro-Guard®	A gypsum-based, cementitious product formulated as a replacement fireproofing for retrofit and spray applications of steel and concrete substrates. Applies easily and dries quickly to form a hard, durable, light-blue surface.
Integument Technologies, Inc. http://www.integument.com 716.873.1199	Fluoropolymer Films: ECTFE (Halar®), FEP (Teflon®), PTFE, PVDF	"Peel-n-stick" fluoropolymer films for corrosion and paint protection that can be used in lieu of, or on top of, traditional coatings.
Isolatek International http://www.cafco.com 973.347.1200	CAFCO Blaze-Shield II	A commercial density, cement-based, inorganic fire protection product that provides hourly fire resistance ratings for the structural steel framework of commercial structures.
	CAFCO Fendolite M-II	A high-density, cement-based fire protection product specifically developed for structural steel members in exterior environments and interior situations where mechanical damage is prime factor for consideration.
	CAFCO SprayFilm WB 3	A water-based intumescent coating for the fire protection of structural steel in interior environments that allows steel to be left exposed to view while providing the required fire resistance ratings.
	CAFCO SprayFilm WB 4	Combined with CAFCO SprayFilm Topseal, it is a low VOC, water-based intumescent system investigated by Underwriters Laboratories, Inc. for the fire protection of structural steel members in exterior environments.
ITW Devcon Futura Coatings http://www.futura coatings.com 314.733.1110	Iraseal 200	A resilient polyurea coating formulated to protect surfaces subject to long-term immersion and weathering.
	Irathane 155	A polyurethane coating with a high-slip finish for protecting dry-material screens, bins, and hoppers in addition to coagulator tanks, clarifier tanks, etc.
	VE 9300	A glass-flake novolac vinyl ester lining system that withstands long-term exposure to caustic gases in applications such as flu-gas desulfurization.
Metal Coatings Intl., Inc. http://www.metal-coatings.com 440.285.2231	Dacromet®	Zn/Al corrosion protective coating for steel components. Application method is hydrogen-embrittlement free, and thickness is 5-7 microns (0.0002-0.0003 inches). Lubrication is provided by post-applied sealer(s).
	Geomet®	Chromium-free Zn/Al corrosion protective coating for steel components that meets EPA and EU requirements. Application method is hydrogen-embrittlement free, and thickness is 10-14 microns (0.0003-0.0004 inches). Lubrication is provided by post-applied sealer(s).
	Plus®	Silicate sealer that provides extended corrosion protection and slight lubrication when applied over Dacromet® or Geomet®.
	Plus® XL	Lubricated silicate sealer that provides extended lubrication and eases in bolt/nut assembly when applied over Dacromet® or Geomet®.
Ocean Fire Protective Coatings oceanfirepc@adelphia.net 716.278.0136	Ocean No. 44	A one hour-rated intumescent fire protective coating designed primarily for use on structural steel.
	Ocean No. 69	A cementitious structural steel fire cladding rated for periods up to four hours. This material is in powder form and is mixed with water prior to application.
	Ocean No. 9788	A mineral spirit alkyd base type intumescent coating, available in white and various colors.
	Ocean No. 476-24	Rated for use on steel ducting for periods up to two hours. Coating is water based and odorless when applied.
Sherwin-Williams Industrial & Marine Coatings http://www.sherwin-williams.com/im 216.566.2897	ExpressTech® coatings	Coatings improve end-user productivity by helping facilities owners and coatings applicators save time and money. Reduce application and labor costs or provide faster throughput, faster return to service of equipment, or faster stack times in fabrication shops, as well as lower VOC emissions. Reduce traditionally multi-coat systems by one coat or more coats, generating end-user savings in insurance, equipment usage, and containment setup.
Substrate, Inc. http://www.tegabond.com 732.581.1031	TegaBond	Chemically grafted corrosion proof, single component, water base, low VOC (1.2 lbs/gal) coating for steel and aluminum surfaces. Minimum surface prep (SP1, SP2, SP3). Easily applied by brush, roller, spray, or dipping.
	TegaBond 2	Chemically grafted corrosion proof two component waterborn system (four hour "pot life"), low VOC coating for metallic surfaces exposed to highly corrosive chemicals/atmospheres.
	TegaSeal	Chemically grafted single component urethane penetrating sealant for most masonry surfaces. Eliminates moisture/vapor penetration.
	TegaSeal 2	Chemically grafted two component waterborn system (four hour "pot life"), pre-epoxy penetrating sealant for most masonry surfaces. Eliminates moisture/vapor penetration. Resistant to most chemicals.
Tnemec Company, Inc. http://www.tnemec.com 800.863.6321	Series 394 PerimePrime	A one component, moisture-cured, micaceous iron oxide (MIO) zinc-filled perimeter steel primer. Uniquely developed to address the issue of corrosion on structural steel components.
	Series 594 Omnithane	A micaceous iron oxide (MIO) and organic zinc-filled, moisture-cured polyurethane primer for steel substrates. This versatile, one-component primer is intended for use in new construction or maintenance.
Voigt & Schweitzer, Inc. http://www.hotdipgalvanizing.com 800.801.3648	DUROZINQ®	A hot dip galvanizing system that encompasses the toughest abrasive-resistant surface to fight corrosion and includes the added benefits of on-time delivery, guaranteed service, packaging, and shipping.
	COLORZINQ®	A system that adds brilliant color to a base of corrosion protection. Preferred by architects and fabricators for over 30 years.