

PRODUCT DESCRIPTION

Before applying ISOLATEK Type WB 3, WB 4, or WB 5 to structural steel, the steel must be primed with a suitable primer approved by Isolatek International. **The primer must be applied in accordance with the primer manufacturer's written instructions.** In addition, the primer must be fully cured prior to the application of the ISOLATEK Intumescent system.

In order to achieve the desired fire resistance ratings for the structural steel, it is essential that the ISOLATEK Intumescent be applied at the proper thickness. The correct dry film thickness for SprayFilm can be found in the appropriate design listing in the UL/ULC fire resistance directories. Please note that the dry film thickness in the designs may include the primer thickness.

PRIMER ADHESION TESTING

The primers listed have been evaluated for use with ISOLATEK Intumescent coatings under laboratory conditions in accordance with ASTM D-4541-95 (Standard Test Method for Pull-Out Strength of Coatings Using Portable Adhesion Testers). The results of these tests indicate the listed primers are compatible with the intumescent basecoat, provided ISOLATEK Type WB 3, WB 4, or WB 5 are applied in accordance with our written application/installation instructions and primer manufacturer guidelines are followed.*

PRECAUTIONS

Zinc primers are not included in this list. Following industry practice, the direct application of intumescent coatings over zinc-rich primers without the use of an approved barrier / tie coat is not allowed. When left exposed for long periods, zinc-rich coatings may form a layer of zinc salts on the surface which may inhibit adhesion of the intumescent coating.

Please contact the Isolatek Technical Services Department at +1 973.347.1200 (Option 1) or technical@isolatek.com for further assistance or for the use of primers other than those listed.

Compatible Primer List				
Coating Manufacturer	Coating Designation	WB 3	WB 4	WB 5
Aerove	Crown 7707 Galva Bright Premium - Aerosol	X	X	X
Aerove	1510 Red Oxide (1501 Black, 1502 Gray, 1511 Brown)	X	X	X
Aerove	Rebar Green Epoxy Paint 1156	X	X	
Albi	Albi 490 W	X	X	X
American Coatings	AK Series Shop Coat Primer (AK3333 Gray Primer - Alkyd Resin Primer)	X	X	X
American Coatings	AK11509 Red Oxide HS VOC 2.8	X	X	X
American Coatings	AK12946 Gray Iron Oxide	X	X	X
American Coatings	AK 16292 2.8 VOC Low HAPs Dark Gray Primer	X	X	X
Ameron International / PPG	Amerlock 400 High Solids Epoxy Coating	X	X	
Ameron International / PPG	Amercoat 5105 Alkyd Primer (oxide red, pearl gray, white)	X	X	X
Anchor Paint Mfg. Co., Inc	B-9912 Lo Voc Brown Primer	X	X	X
Anchor Paint Mfg. Co., Inc	Low HAPS Red Primer CC0658	X	X	X
Anchor Paint Mfg. Co., Inc	Structural Steel Gray Primer, #CC-486	X	X	X
Anchor Paint Mfg. Co., Inc	2653 Red Oxide Primer, Fast Dry	X	X	X
APCO	Fleet Line Series Gray Metal Primer VE703	X	X	X
Behr	Exterior Primer Water Based Primer and Sealer #436	X	X	X
Benjamin Moore & Co.	M14 Shop-Coat Modified Alkyd metal primer	X	X	X
Benjamin Moore & Co.	M29 DTM Acrylic Semi-Gloss	X	X	X
Benjamin Moore & Co.	Super Spec HP Shop Coat Alkyd P-14	X	X	X
Bennette Paint	Very Quick Dry Low VOC Red Oxide Metal Primer #280944	X	X	X

X = Primer has been evaluated and approved

* Isolatek International assumes no responsibility for the duplication of these results in the field as variations in site conditions, surface preparation, formulation changes and other factors are beyond our control.

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Coating Manufacturer	Coating Designation	WB 3	WB 4	WB 5
BLP Mobile Paints	MO-BAR Alkyd Universal Metal Primer (28-DR-105, 28-DH-37, 28-DW-12)	X	X	X
Camger Chemical Systems Inc	#100 Enamel Red 10-99 primer	X	X	X
Capital Paint MFG Corp	19958	X	X	
Carboline	Carboguard 893 SG	X	X	X
Carboline	Carbocoat 150 HG Single Component Modified Alkyd	X	X	X
Carboline	Carbomastic 15 Modified aluminum epoxy mastic	X	X	
Carboline	Carboguard 8922 Cross-Linked Epoxy	X	X	
Carboline	Carboguard 134 H6 Alaphatic Polyurethane	X	X	
Carboline	Carbocoat 115 Modified Alkyd Resin	X	X	X
Carboline	Carbocoat 115 VOC	X	X	X
Carboline	Carbomastic 15 /15 FC Part A 0185A1NL, Part B 0186b1NL	X	X	X
Carboline	Carboguard 888 Epoxy Polyamide Primer	X	X	X
Cardinal	E-305-GR533 Epoxy Powder Coating	X	X	
Caribbean Paint Co.	Red Oxide Primer (1820)	X	X	X
Caribbean Paint Co.	Plioline Combo Red Oxide Primer 1820	X	X	X
Century Industrial Coatings	Dark Red NULO Spray 220-R-347A	X	X	X
Century Industrial Coatings	220-D-252, 220-D-252B	X	X	
Century Industrial Coatings	NULO Spray - HAPs Free Gray Primer W/B 220-D-344	X	X	X
Century Industrial Coatings	NULO Spray - HAPs Free Gray Primer W/B 220-D-321	X	X	X
Century Industrial Coatings	RD Red NULO Spray - HAPs Free Primer W/B 220-R-355A	X	X	X
Century Industrial Coatings	120-D-263, 120-D-264, 120-D-331	X	X	
Century Industrial Coatings	Joist Kote 220-D-406 Waterbased Gray Dip Joist Primer	X	X	X
Century Industrial Coatings	Dark Red Spray Primer 220-R-250/A	X	X	
Century Industrial Coatings	120-D-224A Gray	X	X	
Century Industrial Coatings	120-D-1740 Gray Joist Primer	X	X	
Century Industrial Coatings	120-D-326A - 275 Light Gray Spray Primer	X	X	
Century Industrial Coatings	220-D-358, 220-D-358C	X	X	X
Century Industrial Coatings	220-R-347	X	X	
Century Industrial Coatings	120-D-174Q Gray Joist Primer	X	X	
Century Industrial Coatings	HAPS Free Dark Gray Solvent-based Spray Primer 120-D-253B	X	X	X
Century Industrial Coatings	Dark Gray Vacuum Primer W/B 220-D-253A, 220-D-253B	X	X	X
Century Industrial Coatings	3.0 Gray Joist Primer Joist Kote 120-D-199M	X	X	X
Century Industrial Coatings	Alamo Steel NULO Spray 220-R-345			X
Chemcoat (John L. Armitage)	Armorchem 4500 Red / Gray Alkyd DIP Primer	X	X	X
Century Industrial Coatings	220-R-485 MTH Brown Waterbased Vacuum Primer	X	X	X
Century Industrial Coatings	220-D378B Dark Gray Dip Primer W/B	X	X	X
Century Industrial Coatings	220-R300-103A Fast Dry WB Red Oxide Spray Primer	X	X	X
Century Industrial Coatings	220-D-544B Gray Water-Based Spray Primer	X	X	X
Century Industrial Coatings	Century Guard Joist 220-D-529 Waterbased Gray Dip Joist Primer	X	X	X
Chemcoat (John L. Armitage)	Armorchem 1000 SP Gray / Red / Orange Primer	X	X	X
Chemcoat (John L. Armitage)	Armorchem SP 1000 Gray / Red Primer	X	X	X
Chemcoat (John L. Armitage)	Armorchem WG-4 Hybrid WD-27185V	X	X	X
Chemex	CX-2006 Gray	X	X	
Chem-Pro	Gray No Lift Primer 2078	X	X	

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Cloverdale Paint Co.	Industrial Phenolic Modified Alkyd Shop Primer 71019, 71306, 71312	X	X	X
Cloverdale Paints, Inc.	Universal Phenolic Alkyd Primer 83040 Grey, 83041 Red	X	X	X
Columbia Paint & Coatings	Industrial Shop Prime Red Oxide 07-770	X	X	X
Columbia Paint & Coatings	Universal Metal Primer Phenolic Alkyd 07-450 Red/07-455 Light Gray	X	X	X
Columbia Paint & Coatings	Paint Quick Dry Metal Primer Modified Alkyd 07-466 Gray	X	X	X
Comex Industrial Coatings	E-10 High Solids Epoxy Coating	X	X	
Comex Industrial Coatings	M-10	X	X	
Coronado Industrial Coatings	CORO-BOND Universal Primer 1147 Line	X	X	X
Crest Industries	WS VOC 102 Gray Dip Primer	X	X	X
Davis Frost	P-47 HS Haps Free Alkyd Red Oxide Primer	X	X	X
Davis Frost	23-R612 H.S. Haps Free Red Oxide Primer	X	X	X
Davis Frost	P-042 3.5 VOC Red Oxide Primer	X	X	X
Davis Industrial Coatings	Epoxy Primer L/F Light Gray (4-3687 / 4-8939)			X
Dell + Sons Industrial Coatings	Series 116 Epoxy Kote	X	X	X
Delta Laboratories	3.5 VOC Red Electrostatic Primer 3-22702	X	X	
Delta Laboratories, Inc.	Lead Free Orange High Solids Primer 390027455	X	X	
Delta Laboratories, Inc.	Gray Chromate Alkyd Primer 33H009351	X	X	X
Delta Laboratories, Inc.	Red Shopcoat Primer 30R001055	X	X	X
Devoe	4150-7100 Red Low Voc Shopcoat	X	X	X
Devoe	Devflex PFDTM Akrylic Waterborne	X	X	X
Devoe	Devguard 4160 Alkyd Multi-Purpose Tank & Structural Primer	X	X	X
Devoe	Rustguard Q.D. Shop Coat Primer (Red-27453, Gray-27455, Can Am dK Gray-27455)	X	X	X
Devoe	Devguard 4180	X	X	X
Devoe	Devguard 4190 Q.D. Shop Coat Primer	X	X	X
Devoe	Rustguard 4140 Alkyd Primer (red and gray)	X	X	X
Devoe	Devguard 4308 Alkyd Industrial Gloss Enamel	X	X	
Devoe	Devflex 4216HP Acrylic Semi-Gloss Enamel	X	X	
Devoe	DevFlex PF 4020-1000PF Waterborne acrylic (White)	X	X	X
Diamond Vogel	QL-5505	X	X	
Diamond Vogel	PB 5616 Fast Dry Red	X	X	X
Diamond Vogel	Red Oxide R/I L/F PN-5521	X	X	X
Drew	Red Oxide Universal #4230	X	X	X
Dunn-Edwards	W715 Ultra-Grip Acrylic Multi-Purpose Primer	X	X	X
Duron	33-676 Red Oxide	X	X	X
Duron	Red Oxide Metal Primer 33-015	X	X	X
Duron	Dura Clad H.S. Alkyd Shop Coat Red 33-088	X	X	X
Duron	Dura Clad 906-0000 Red Primer	X	X	X
Eagle Bridges Marathon	Grey L/F 1035 shopcoat	X	X	X
Ellis	682 Red / 683 Gray Oils Based Rust Inhib. Primer	X	X	X
Elpaco	4703P	X	X	
Far West Paint	X-6948 AstroGalv V.O.C. Compliant Gray Alkyd Primer	X	X	X
Farrell Calhoun	1099 Red Tuff Boy	X	X	X
Farrell Calhoun	Tuff Boy QD Low VOC Rust Stop Modified Alkyd primer 5-53 Red & 5-54 Gray	X	X	X
Farrell Calhoun	Tuff Boy Quick Dry 6-30	X	X	X

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Farwest	Astro Galvanized Red Oxide X-6933	X	X	X
Farwest	TT-P-664C Lacquer Resisting Primer Phenolic Modified Alkyd	X	X	X
Flame Control Coatings, LLC	Flame Control No. 40-40A	X	X	X
Floyd Coatings, Inc.	P257 Gray Primer	X	X	
Forrest Paint Co.	16P Shopcoat Primer	X	X	X
Frazer Paint	661 Metal Prime Interior / Exterior Alkyd Primer	X	X	X
Frazer Paint	681 Metal Prime Interior / Exterior Alkyd Primer	X	X	X
Griggs Paint	DC740 Ratmoore #7 Gray Water Reducible Primer	X	X	X
Hammerite	Rust Cap Paint	X	X	
Hawthorne Paint	7701 Red Anti-Corrosive Primer	X	X	
Hawthorne Paint	340 Gray Anti-Corrosive Primer	X	X	
Hentzen	02040RIP-4 High Universal Red Oxide Primer	X	X	X
Horn Painting Company	#3508 Gray Primer	X	X	X
Horn Painting Company	#3103 Red Oxide Primer	X	X	X
HSC Industrial Coatings	H24-2097	X	X	
Insul-X	Corotech Shop Primer V142 Series	X	X	X
Intercoastal Paint Company, Inc.	WP-1009 Brown Oxide Fast Dry WB Shop Primer	X	X	X
Intercoastal Paint Company, Inc.	HSP-6462 Brown Oxide High Solids Shop Primer	X	X	X
Intercoastal Paint Company, Inc.	HSP-6466 Dark Gray High Solids Shop Primer	X	X	X
International	Devflex 4216 HP Water-borne Acrylic	X	X	X
International	Interguard 269 Epoxy	X	X	X
International	Interseal 670 HS Surface Tolerant Epoxy	X	X	
International	Interlac 393 Alkyd Red / Gray	X	X	X
International	Inturcure 200HS Rapid Recoat Epoxy	X	X	
Jones-Blair	Stantest HS Modified Alkyd Primers Low VOC (15245, 15253, 15635)	X	X	X
Jotun	Penguard Primer	X	X	
Kansai Paint's	Paraprime 15	X	X	
Kansai Paint's	Paralux P268HS	X	X	
Kansai Paint's	Paramastic 52	X	X	
KCC	K'Mastic 5000 Surface Tolerant Epoxy Primer	X	X	
Kelley Moore Paint Co.	All-Gard Metal Primer White 1712-100	X	X	X
Kelley Moore Paint Co.	1760 Sop Coat Alkyd Primer	X	X	X
Kelley Moore Paint Co.	265 KM Professional Water-Oil Hybrid	X	X	X
Kenlar	173-0009 super nu-primer	X	X	
Korzite Coatings Inc.	03PA035 HS 10 Deg. Grey Primer MF4	X	X	
Korzite Coatings Inc.	01PAK3 Grey Oxide Primer RMA / MF4	X	X	
Krylon Industrial Coatings	Weld Through Primer K00020102	X	X	X
Lanco	Metal Master Gray Primer mm-200 Gloss finish Latex Paint	X	X	
Lanning Paints	LB-90 Fast Dry Gray Universal Primer	X	X	X
MAB Industrial Coatings	Rust-O-Lastic Alkyd Shop Primer 073299 / 073499	X	X	X
MACLAC	42 Series Red Oxide	X	X	X
Marcus Paint Company	Gray Vacuum Coat Aqua Mar W/R Primer	X	X	X
Martin-Senour Paints	W/R Alkyd 2-2764 Red / 2-2793 Gray	X	X	X
MasterTouch	92R16 Alliance Red Oxide MP Metal Primer	X	X	X

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Micron Coatings Inc.	MC4535 Fast Dry A/C Primer Behlen Grey	X	X	X
Miller Paint Co.	Red Oxide Metal Primer Red Oxide #363	X	X	X
Mils Paint	Fast Dry Shop Primer 580 Red	X	X	X
Moline Paint Co.	Red metal	X	X	
Passano Paint Company	Pen-Rust 610-10	X	X	
Perry and Derrick	97197 Snap Dry	X	X	
P.F.I., Inc. - Paints for Industry	Aqualize Alkyd Primer (8-WP-1126 Gray, 5-WP-1101 Red)	X	X	X
P.F.I., Inc. - Paints for Industry	Metalize Alkyd Primer (8-HES-1126 Gray, 5-HES-1101 Red)	X	X	X
Pioneer Paint of Arizona	2055 Industrial Epoxy Ester Rust Inhibiting Metal Primer	X	X	
Pittsburgh Paints	SPEEDHIDE Alkyd Rust Inhibitive Primer 6-208 Red (6-212 White)	X	X	X
Porter Coatings	Porterprime 2.8 288 Red Low VOC Modified Alkyd primer	X	X	X
PPG	Pure Performance 9-900 Acrylic Primer	X	X	X
PPG	Multiprime 94-269	X	X	X
PPG	Amercoat 370 - Fast Dry Multi-Purpose Epoxy	X	X	X
PPG	Amercoat 5108	X	X	X
PPG	Corafon Champagne Pearl - A & Corafon Curing Agent - Comp B	X	X	
PPG	7-852, 7-858 Series Rust Inhibitive Steel Primers Alkyd Resin	X	X	X
PPG	Pitt-Tech 90-712 Series DTM Industrial Enamel Acrylic	X	X	X
PPG	7-844 Alkyd/Oil Resin Primer	X	X	
PPG	MULTIPRIME Low VOC Quick Dry Universal Alkyd Primer 97-680	X	X	
PPG	Pitt-Tech Plus 90-1210	X	X	X
PPG	PITTHANE ULTRA Gloss Urentane Enamel 95-812 Series	X	X	X
PPG	CRE 321 2.1 VOC Corrosion Resistant Epoxy Primer	X	X	X
PPG	Pitt-Tech Plus Int.Ext. DTM Industrial Primer 90-912 Series	X	X	X
PPG	Multi Primer Fast Dry 2.8 VOC 94-258 Series	X	X	X
Pratt & Lambert	Steeltech Rust Inhibitive Metal Alkyd Primer S4556 Red / S4551 Gray	X	X	X
Pratt & Lambert	Steeltech Acrylic Prime or Finish Z190	X	X	X
Pratt & Lambert	Techgard S4520 Safety Red Alkyd Primer	X	X	X
Pratt and Lambert	Steeltech Red Oxide Quick Dry Shopcoat Primer S4501	X	X	X
Pratt & Lambert	Steeltech VOC Shopcoat Primer SA4501	X	X	X
Precision Mastermade	388EI	X	X	
Precision Mastermade	217E2	X	X	
Precision Technical Coatings	373-R-1 Red Oxide	X	X	X
Prime-Tech	7-550	X	X	
Prolux	2570-10	X	X	
Prolux	Quick Drying High-Solids Alkyd Primer Grey	X	X	X
Prolux	Quick Drying Alkyd Primer 3914-05 Grey / 3940-10 Red Oxide	X	X	X
Robinson Chemical Coatings	14-R-37 Red Oxide	X	X	X
Rodda	P-80 Quick Drying Metal Primer Gray	X	X	X
Rodda	Barrier III High Solids Alkyd Metal Primers	X	X	X
Rodda Paint	Barrier III Rust Inhibitive Metal Primer			X
Rodda Paint	Barrier III HS Rust Inhibitive Metal Primer	X	X	X
Rodda Paint	6340 Shop Primer 40 Red (LCF) Primer	X	X	X
Rose Taburt	9002 QD Gray Shopcoat Metal Primer	X	X	X

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Royal Coatings, Inc.	AQ 610 Waterbased Acrylic Primer	X	X	X
Rust-Oleum	2068 Quick Dry Red Primer	X	X	X
Rust-Oleum	K7769 Rusty Metal Primer - Alkyd	X	X	X
Sampson Coatings	131400 Exterior Alkyd Quick Dry Shopcoat Primer	X	X	X
Sampson Coatings, Inc.	133040 Sentrx Low VOC fast dry shopkote	X	X	X
Selectone	MR053 Light Grey Metal Primer	X	X	X
Selectone	4142	X	X	
Selectone	MR-27	X	X	
Selectone	MR-19 Red Oxide Primer	X	X	X
Sheboygan Paint Company	RTS L.F. Red Oxide Primer (41-8176)	X	X	X
Sherwin Williams	B50NV12 (B50AV11) Steel Spec Structural Steel Primer	X	X	X
Sherwin Williams	B50AV3973	X	X	
Sherwin Williams	Pro-Cryl Universal Acrylic Primer B66 Series	X	X	X
Sherwin Williams	B50WZ Series GALVITE HS Acrylic Primer	X	X	X
Sherwin Williams	E61RC21 Red (E61AC82 gray) Shopcoat Primer	X	X	X
Sherwin Williams	Red Structural Steel Primer B50XXRW4648	X	X	X
Sherwin Williams	Kem Bond HS Universal Metal Primer B50 Series	X	X	X
Sherwin Williams	Kem Kromik Universal Metal Primer B50 Series	X	X	X
Sherwin Williams	E61R26 Kem Flash Prime Red Oxide	X	X	X
Sherwin Williams	ProMar 200 Interior Latex Eg-Shel B20w2200	X	X	X
Sherwin Williams	Industrial Grey Metal Primer SW28	X	X	
Sherwin Williams	Steel Spec QD Primer (B50A51 Gray / B50R52 Red Oxide)	X	X	X
Sherwin Williams	KEM AQUA 70P Primer E61A570 Gray (E61R572, E61B571, E61W573)	X	X	X
Sherwin Williams	Steel Spec RIP B50AV2314 Gray	X	X	X
Sherwin Williams	B75 WF 1001 White	X	X	
Sherwin Williams	Alkyd QD Primer B50A50 / B50R51	X	X	X
Sherwin Williams	Ironox primer #29 Red	X	X	X
Sherwin Williams	Envirolastic 980 PA Polyaspartic Urethane	X	X	X
Sherwin Williams	Acrolon 218 HS Acrylic Polyurethane	X	X	X
Sherwin Williams	DTM Acrylic Primer/Finish (B66W1)	X	X	X
Sherwin Williams	Steel Spec Primer (Part A - B58R8 Base / Part B - B58V8 Hardener)	X	X	X
Sherwin Williams	Kem Bond HS Universal Metal Primer B50 Series	X	X	X
Sherwin Williams	Steel Spec Universal Metal Primer B50 - RV6227 Red, AV8431 Gray, WV8430 White	X	X	X
Sherwin Williams	Kem Flash Prime E61 A 45	X	X	X
Sherwin Williams	Water Based Catalyzed Epoxy Part A & Part B	X	X	
Sherwin Williams	Steel Spec Fast Dry Primer (B50AW3 Gray / B50RW3 Red)	X	X	X
Sherwin Williams	Macropoxy 646 Fast Cure Epoxy (Part A -B58-600, Part B - B58V600)	X	X	X
Sherwin Williams	Mil-24441S Type III N10-350 Series Epoxy Polyamide	X	X	
Sherwin Williams	B74AT83 Utility Shop Coat Fast Dry Alkyd Gray Primer	X	X	X
Sherwin Williams	Ironox Primer 96 Gray	X	X	
Sherwin Williams	Macropoxy 646-100 (low voc)	X	X	X
Sherwin Williams	Kem Kromik 100 B50R00100 (low voc)	X	X	X
Sherwin Williams	B66W310 Pro-Cryl Universal Metal Primer (low voc)	X	X	X
Sherwin Williams	B67 Recoatable Epoxy Primer Gray - Parts G and H	X	X	X

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Sherwin Williams	Zero VOC Acrylic (B66-600 Gloss, B66-650 Semi-Gloss, B66-660 Eg-Shel)	X	X	X
Sherwin Williams	B50AS200 2.3 VOC Steel Spec	X	X	X
Sherwin Williams	E41N1 Kromik Primer	X	X	X
Sherwin Williams	Kem Aqua 50P (E61A580)	X	X	X
Sherwin Williams	Low HAPS Light Gray Primer E61AS28			X
Sherwin Williams	Steel Spec FHP 250 Universal Primer/Finish	X	X	
Sherwin Williams	Steel Spec FHP Universal Primer/Finish	X	X	X
Southern Coatings	14507 Red Oxide Primer	X	X	X
Stiles Paint MFG, Inc.	7-550 Red Oxide	X	X	X
Sumter Coatings	100D2314	X	X	
Sumter Coatings	100D7714, 100R7713, 100D7720 Inhibitive Shopcoat Primers	X	X	X
Sumter Coatings	100R8813, 100D8814 High Solids Inhibitive Primers	X	X	X
Sumter Coatings	100R9913, 100D9914 Heavy Duty Inhibitive Primers	X	X	X
Sumter Coatings	100D0031,100R0027, 100W0038 Universal Primers	X	X	X
Sumter Coatings	Red Shopcoat Primer (801R2712 / SP 2712)	X	X	X
Sumter Coatings	100R0984, 100D0985 Structural Shopcoat Primers	X	X	X
Sumter Coatings	196D1635	X	X	
Sumter Coatings	HS Low VOC Inhibitive Primer Gray - 100D8823	X	X	X
Sumter Coatings	Inhibitive Shopcoat Low VOC HS Universal Primer Gray - 100D2230	X	X	X
Sumter Coatings	High Solids - Low VOC Inhibitive Primer (100R8822 Red)	X	X	X
Sunburst	#38 Series W/R Alkyd Metal Primer	X	X	X
TCI Coatings Inc.	Aqua Clad High Solids Gray Primer (AC8344)	X	X	
Tnemec	FM 88-0559 - modified short oil alkyd	X	X	X
Tnemec	Series FD 88 Azeron - modified alkyd	X	X	X
Tnemec	Series 10-99 Red (10-1009 Gray) modified alkyd	X	X	X
Tnemec	Series 530 omnithane (50-330 Poly-ura prime) Aromatic Urethane	X	X	
Tnemec	Enduralume Series 1077 Aliphatic Polyurethane	X	X	X
Tnemec	Endura-Shield Series 73 – 2 part polyurethane	X	X	
Tnemec	Azeron H.S. Primer Series 88HS, 555 Red, 599 Gray	X	X	X
Tnemec	Uni-Bond DF Series 115 Acrylic Primer	X	X	X
Tnemec	Series 27 F.C. Typoxy Polyamide Epoxy	X	X	X
Tnemec	Series 136	X	X	
Tnemec	Series V10	X	X	X
Tnemec	Tneme-Fascure Series 161 Primer (2 part epoxy - polyamide epoxy)	X	X	
Tnemec	F.C. Typoxy Series 27 and Series 27WB	X	X	
Tnemec	Series 297 Enviro-Glaze	X	X	X
Tnemec	UVX Series 750	X	X	X
Tnemec	Series L69 High Build Epoxoline II	X	X	X
Tnemec	N69 Hi-Build Epoxoline II	X	X	
Tnemec	Series 66 (2 Part Epoxy-Polyamide Epoxy)	X	X	X
Tnemec	2C 118-30GR Mastic WB Acrylic	X	X	X
Tnemec	Tneme-Fascure Series 161 Primer	X	X	X
Tresco Paint Company	Aqualloy Primer	X	X	
Triangle Coatings Inc.	Triprime Red Oxide 902P Series	X	X	X

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UCP / Solignum Paint Inc.	OF3-12 Water Based Alkyd	X	X	X
UCP / Solignum Paint Inc.	Fast Dry Primer Grey (5150)	X	X	X
Valley Paint	V-418 Red Oxide Primer	X	X	X
Valley Paint	V-003 Shopcoat Gray	X	X	X
Valley Paint	V-007 Corrosion/Epoxy Resistant Red Oxide Primer	X	X	X
Valley Paint	V-305 Water Reducible Grey Primer	X	X	X
Valspar	High Performance WWA 164-759	X	X	X
Valspar	Duraspar 130 AX Series Primer	X	X	X
Victor Steel Inc	Red Structural Steel Primer	X	X	
Vista Paint	Metal Pro Coating Primer/Finish (4800, 4805, 4810, 4896)	X	X	X
Vista Paint	MP10 Waterborne Red Oxide Shop Primer	X	X	X
Vulcraft	#27-09-1231 Red and Gray Primers	X	X	X
Wasser	Micromastic 100	X	X	X
Yenkin-Majestic	E-9281 Non-Lifting Gray Primer	X	X	X

We have evaluated the compatibility of the above primers under laboratory conditions in accordance with ASTM D4541-95 (Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers). Results of our investigation indicate that the above primers are compatible with the intumescent basecoat, provided ISOLATEK Type's WB 3, WB 4 or WB 5 are applied in accordance with our written application/installation instructions and primer manufacturer guidelines are followed.

Isolatek International assumes no responsibility for the duplication of these results in the field as variations in site conditions, surface preparation, formulation changes and other factors are beyond our control.

Precaution: Zinc-rich based coatings are not included in this primer list. In following industry practice, the direct application of Intumescent Coatings over zinc-rich primers without the use of an approved barrier / tie coat is not allowed. When left exposed for long periods, zinc rich coatings may form a layer of zinc salts on the surface which may inhibit adhesion of the Intumescent Topcoat.

Isolatek International is continually evaluating new primers. Should you require the use of a specific primer for your project which is not on this list, please feel free to send us a quart sized sample or minimum 6"x6" (16 gauge) steel plate with the primer applied. Please e-mail your request to technical@isolatek.com for approval before shipping your sample. Required with the sample will be the primer MSDS, primer data sheet, project name, ISOLATEK material to be evaluated and your contact information.



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We support our customers with unsurpassed technical expertise and customer service, complemented by an extensive global network of experienced sales representatives and recognized applicators. For detailed product information or for the name of the sales representative in your area please contact us.

The performance data herein reflect our expectations based on tests conducted in accordance with recognized standard methods under controlled conditions. The applicator, general contractor, property owner and/or user MUST read, understand and follow the directions, specifications and/or recommendations set forth in Isolatek International's publications concerning use and application of these products, and should not rely merely on the information contained in this Technical Data Sheet. Isolatek International is not responsible for property damage, bodily injuries, consequential damages, or losses of any kind that arise from or are related to the applicator's general contractor's, or property owner's failure to follow the recommendations set forth in Isolatek International's publications. The sale of these products shall be subject to the Terms and Conditions set forth in the Company's invoices.

Isolatek International provides passive fireproofing materials under the CAFCO® and FENDOLITE® trademarks throughout the Americas and under the ISOLATEK® trademark throughout the remainder of the world.

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