

Chemical Product Line – Spray Elastomers, Cast Elastomers, Coatings and Foams

Many of Rhino Linings® spray elastomer systems are available in BOTH 2:1 and 1:1 ratio formulations. Formulation variations may be available upon request, please contact a Rhino® Regional Sales Manager.

Additional product brochures/line cards are available. Please request the Epoxy Resin, Hardener and System Solutions brochure to see additional epoxy products or the Concrete Solutions® Restoration and Resurfacing brochure for concrete overlays, finishes and restoration product selection.

Product Family	Chemical	Part #	Description		
SPRAY ELASTOMER - POLYURETHANE					
HardLine® Available in both 2:1 and 1:1 volumetric ratios	2:1 ratio	HardLine 21-55 Iso	60126	HardLine is a tough-as-nails linings that offers superior resistance characteristics for pipes, containment structures and surfaces requiring maximum protection. It is a two-component, 100% solids (no VOCs, no solvents), exothermic, rapid curing, elastomeric polyurethane lining system. 120 – lining system formulated with a slow gel time allowing for a smooth surface spray or casting of products.	
		HardLine 21-55 Resin	60146		
		HardLine 21-55 Resin Black	60157		
	1:1	HardLine 21-55-120 Resin	60148		
		HardLine HP 11-60 Iso	60211-1		
		HardLine HP 11-60 Resin	60212-1		
HiChem™ Available in both 2:1 and 1:1 volumetric ratios	2:1 ratio	HiChem 21-70 Iso	60060	HiChem is a two-component, 100% solids (no VOCs, no solvents), exothermic, rapid curing, elastomeric polyurethane lining system specifically designed for excellent chemical resistance. HiChem 65D-PW is meets the criteria for NSF 61 standards (potable water). 90 – lining system formulated with a slow gel time allowing for a smooth surface spray or casting of products.	
		HiChem 21-70 Resin	60070		
		HiChem 21-70-90 Resin	60071		
	1:1	HiChem 65D-PW Resin	60074		
HiChem 11-70 Iso		60218-1			
HiChem 65D-PW		HiChem 11-70 Resin	60219-1		
RhinoPak™ 90A	1:1 ratio	Black	10351	RhinoPaks are cartridges used with the RhinoPro™ Cartridge Gun 1500. Each is an elastomeric hybrid protective lining system packaged in dual 750 ml cartridges which is great for small jobs, hard-to-reach places and repairs. • RhinoPak 90A has a hardness rating of 90 Shore A similar to the TuffGrip products. • RhinoPak 55D has a hardness rating similar to the HardLine, Rhino Extreme and Rhino Hybrid products. • RhinoPak 60D has a hardness rating similar to the DuraSpray product. • RhinoPak 70D has a hardness rating similar to the Hi-Chem product. • RhinoPak SM has a hardness similar to SolarMax.	
		Clear	10373		
RhinoPak 55D	1:1 ratio	Black	10378		
		Clear	10374		
RhinoPak 60D	1:1 ratio	Black	10332		
		Clear	10331		
RhinoPak 70D	1:1 ratio	Off-White	10376		
		Clear	10384		
RhinoPak SM	1:1 ratio	Black	10396		
		Clear	10399		
Tuff Stuff® FR & Slow	2:1 ratio	TuffGrip 21-90 Iso	60016		FR – hybrid lining system specifically formulated with fire retardant additives. 120 – lining system formulated with a slow gel time allowing for a smooth surface spray or casting of products. Tuff Stuff FR meets FMV-302 fire test.
		Tuff Stuff FR 21-85-15 Resin	60055		
		TuffGrip 21-90 Iso	60016		
	1:1	Tuff Stuff 21-85-120	60040		
		TuffGrip 21-90 Iso	60016		
		Tuff Stuff FR 21-85-120 Resin	60058		
TuffGrip® Available in both 2:1 and 1:1 volumetric ratios	2:1 ratio	TuffGrip 21-90 Iso	60016	TuffGrip is the Rhino Linings flagship product and its most versatile lining formulation. It is a spray-on polyurethane - elastomer formulation that provides improved toughness, while retaining the non-skid grip that made Rhino Linings products legendary. It is a two-component, 100% solids (no VOCs, no solvents), exothermic, rapid curing, elastomeric polyurethane lining system. FR – lining system specifically formulated with fire retardant additives.	
		TuffGrip 21-90 Resin	60026		
		TuffGrip 21-90 Resin Black	60158		
	1:1	TuffGrip HP 11-90 Iso	60254-1		
		TuffGrip HP 11-90 Resin	60255-1		
		TuffGrip HP 11-90 Resin Black	60256-1		
SPRAY ELASTOMER - POLYUREA/POLYURETHANE					
Pipeliner 5000™	1:1	Pipeliner 5000 11-70 PW Iso	60260	Pipeliner 5000 – has polyurea chemistry has ability to spray at low temperatures or in high humidity. It complies with NSF ANSI 61 potable water standard. Apply with high pressure equipment only.	
		Pipeliner 5000 11-70 PW Resin	60265		
Rhino Eco-Coat® 11-85	1:1	Rhino Eco-Coat Set	EC1185 SET	Rhino Eco-Coat is a plural component aluminized hybrid polyurea spray applied lining designed for vehicle roof applications.	
Rhino Hybrid™ Available in both 2:1 and 1:1 volumetric ratios	2:1 ratio	Rhino Hybrid 21-55 Iso	60129	Rhino Hybrid is a balanced blend of urethane and polyurea providing a system with similar spray properties as a pure polyurea in humid conditions. Its 1:1 ratio formulation has a shore hardness of 50D while its 2:1 ratio formulation has a shore hardness of 55D. Rhino Hybrid requires high-pressure plural equipment.	
		Rhino Hybrid 21-55 Resin	60029		
		Rhino Hybrid 21-55 Resin Black	60229		
	1:1	Rhino Hybrid HP 11-50 Iso	60216-1		
		Rhino Hybrid HP 11-50 Resin	60250-1		
		Rhino Hybrid HP 11-50 Resin Black	60251-1		

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Rhino® Chemical Product Line (continued)

Product Family	Chemical	Part #	Description	
SPRAY ELASTOMER - POLYUREA/POLYURETHANE (LOW PRESSURE ONLY)				
DuraSpray™	1:1 ratio	DuraSpray LP 11-60 Iso	60232-7	DuraSpray is a polyurethane/polyurea system with better spray properties than a polyurethane in humid conditions. It has a shore hardness of 60D and is only available in 5-gallon hedpaks.
		DuraSpray LP 11-60 Resin	60233-7	
		DuraSpray LP 11-60 Resin Black	60234-7	
SPRAY ELASTOMER - POLYUREA				
Rhino Extreme™ Available in both 2:1 and 1:1 volumetric ratios	2:1 ratio	Rhino Extreme 21-50 Iso	60075	Rhino Extreme is a polyurea chemistry that offers ability to spray at low temperatures or in high humidity conditions; provides high physical properties and fast cure formulation. Rhino Extremes has excellent tensile strength, elongation and tear abrasion resistance. It requires high-pressure plural equipment. FR – lining system specifically formulated with fire retardant additives GT – formulated for longer tack free with a greater wet out of the sprayed surface such as geotextile fabrics
		Rhino Extreme 21-50 Resin	60077	
		Rhino Extreme 21-50 Resin Black	60081	
		Rhino Extreme FR 21-50 Iso	60007	
		Rhino Extreme FR 21-50 Resin	60047	
	1:1 ratio	Rhino Extreme HP 11-50 Iso	60066-1	Rhino Extreme 11-50 FR is Class I fire rated. Rhino Extreme 11-70 FR is Class I fire rated.
		Rhino Extreme HP 11-50 Resin	60054-1	
		Rhino Extreme HP 11-50 Resin Black	60061-1	
		Rhino Extreme 11-50 FR Iso	60088-1	
		Rhino Extreme 11-50 FR Resin	60084-1	
		Rhino Extreme 11-50 GT Iso	60062-1	
		Rhino Extreme 11-50 GT Resin	60067-1	
		Rhino Extreme 11-50 GT Resin Black	60068-1	
		Rhino Extreme 11-70 Iso	60076-1	
		Rhino Extreme 11-70 Resin	60078-1	
		Rhino Extreme 11-70 Resin Black	60079-1	
		Rhino Extreme 11-70 FR Iso	60098-1	
		Rhino Extreme 11-70 FR Resin	60094-1	
		Rhino Extreme 11-70 FR Resin Black	60095-1	
SPRAY ELASTOMER - ALIPHATIC				
SolarMax® Available in both 2:1 and 1:1 volumetric ratios	2:1	SolarMax 21-50 Iso	60350	SolarMax is an aliphatic elastomer formulation with maximum color stability. Its formulation properties offer flexibility and toughness. SolarMax 2:1 is limited to those with certification. It requires high-pressure plural equipment.
		SolarMax 21-50 Resin	60360	
	1:1	SolarMax 11-65 Iso	60391-1	
		SolarMax 11-65 Resin	60396-1	

Product Family	Chemical	Part #	Description
PRIMER			
Bonding Agent 1K	Bonding Agent 1K	50507	Bonding Agent 1K is single-component, easy-to-use, urethane primer with excellent adhesion to steel, wood, FRP and many other surfaces.
Epoxy 200	Epoxy 200 Clear 2A:1B 3 Gal Kit	E200-3	Epoxy 200 is 2:1 ratio, two-component epoxy primer with excellent adhesion, impact and chemical resistance. It will bond to dry, damp or wet concrete. Epoxy 200 is also available in 1.5 gallon kit.
Primer 101	Primer 101 Part A	50502	Primer 101 is 1:1 ratio, two-component, epoxy primer and sealing material for wood and concrete.
	Primer 101 Part B	50512	
	Primer 101 Kit	50522-K	
Primer 161	Primer 161 Iso, Part A	50506	Primer 161 is a two-component, 100% solids (no VOCs, no solvents), elastomeric polyurethane primer and sealant. It is sprayable through Rhino Linings 2:1 ratio low and high pressure machines.
	Primer 161 Resin, Part B	50516	
	Primer 161, Quart/pint Kit	50526-K	
	Primer 161, Hedpak Kit	50527-K	
Primer 251	Primer 251 Iso, Part A	50504	Primer 251 is a two-component, 100% solids (no VOCs, no solvents), elastomeric polyurethane primer and sealant. It is sprayable through Rhino Linings 2:1 ratio low and high pressure machines.
	Primer 251 Resin, Part B	50514	
Primer 311 DTM	Primer 311 DTM Kit	50528	Primer 311 DTM is three-component, low VOC epoxy primer/sealer offering excellent direct-to-metal adhesion and corrosion protection over properly cleaned steel, stainless steel, aluminum and other substrates.
Rhino® 1500	1500 5 Gallon Kit	1500K-5	Rhino 1500 is 4:1 ratio, two-component, waterborne epoxy primer that is easy to mix, easy to use and provides superior results. It is applied over concrete and many other substrates by brush, roller or spray equipment. Rhino 1500 is part of a NSF 61 certified (potable water) system.
Rhino® Adhesion Promoter	Rhino Adhesion Promoter	50518	Rhino Adhesion Promoter aids the bond to an existing liner. It will etch the liner surface making it more compatible with the newly sprayed elastomer.
DuraTite® 1150P	DuraTite® 1150 Primer	FFRC-ARNTHANE ROOF PRIME	DuraTite 1150P is a single component urethane primer designed to help seal and tie-up moisture (not water) before applying polyol urethane / polyurea / silicone coating or spray foam. Water based acrylic roof coating can be applied as well. Especially for roof restoration problem surfaces like metal panels, etc.

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Rhino® Chemical Product Line (continued)

Product Family	Chemical	Part #	Description
ROOF COATING			
DuraTite® 1065	DuraTite 1065 White DuraTite 1065 Gray	FFRC-WATERSHED 1065E WH FFRC-WATERSHED 1065E GRAY	DuraTite 1065 & 1070 are single component elastomeric acrylic coatings with DuraTite 1070 having a high-solids content. Both can be used in combination with DuraTite CC2.5, 2.8 and 3.0 or as a stand alone roofing system. It can be applied with a standard airless sprayer, brush or roller. DuraTite 1065 and 1070 are available in white or gray. DuraTite 1070 is also available in light gray.
DuraTite® 1070	DuraTite 1070 White DuraTite 1070 Gray DuraTite 1070 Light Gray	FFRC-DURATITE 1070 WHITE FFRC-DURATITE 1070 GRAY FFRC-DURATITE 1070 LT GRAY	
DuraTite® 1175	DuraTite 1175	FFRC-ARNTHANE METALLIC	DuraTite 1175 & 1285 are high-solids, single component, elastomeric, urethane coatings for new or existing roofing and waterproofing applications. DuraTite 1175 & 1285 can be applied with a standard airless sprayer, brush, roller, broom, or squeegee. They can be used in conjunction with DuraTite CC2.5, 2.8 and 3.0 or as a stand alone roofing system. DuraTite 1175, an aromatic coating, standard color is silver reflective. DuraTite 1285, an aliphatic coating, standard color is white.
DuraTite® 1285	DuraTite 1285	FFRC-ARNTRCSPWHT	
DuraTite® 1380	DuraTite 1380 DuraTite 1380 Gray DuraTite 1380 Light Gray DuraTite 1380 Tan	FFRC-WATERSHED 1385 WH FFRC-WATERSHED 1380 GR FFRC-WATERSHED 1380 LGRAY FFRC-WATERSHED 1385 TAN	DuraTite 1380 & 1395 are high-solids, single component, solvent borne elastomeric silicone coatings suitable new and recoat applications. DuraTite 1380 & 1395 can be applied with a standard airless sprayer, brush, roller, broom, or squeegee and can be successfully installed in a wide range of ambient temperatures and humidity level. Both can also be used in conjunction with a DuraTite CC2.5, 2.8 or 3.0 or as a stand alone roofing system. Both are available in white, gray or tan, and DuraTite 1380 is also available in light gray.
DuraTite® 1395	DuraTite 1395 DuraTite 1395 Tan DuraTite 1395 Gray	FFRC-WATERSHED 1395 FFRC-WATERSHED 1395 TAN FFRC-WATERSHED 1395 GREY	
DuraTite® 1395B	DuraTite 1395B	FFRC-WATERSHED 1395B	DuraTite 1395B is single component, brushable silicone gel. This sealant is easily brush- or trowel-applied at thicknesses up to 1/4". Standard color is white.
DuraTite® 2185	DuraTite 2185 Set DuraTite 2185P Set	DT2185 SET DT2185P SET	DuraTite 2185 & 2185P are fast set, rapid curing two-component, aluminized spray applied lining for commercial and industrial roofing applications. DuraTite 2185 is a hybrid polyurea. DuraTite 2185P is a polyurea formulated for high humidity roofing applications.
SPRAY FOAM - ROOF INSULATION & ADHESIVES			
DuraTite® CC2.5	DuraTite CC2.5 Set	DT25 SET	DuraTite CC2.5, DuraTite CC2.8 and DuraTite CC3.0 are Class I fire retardant, 245fa-blown, zero ozone-depleting, closed-cell spray polyurethane foam systems designed for use in low-sloped roofing applications in residential and commercial structures and various other interior and exterior weatherization applications. They must be installed by approved contractors and are only applied with high pressure equipment. DuraTite roofing insulation is part of a technically advanced spray polyurethane foam system intended for use by qualified contractors trained in the processing and application of SPF roofing systems as well as the plural-component polyurethane dispensing equipment.
DuraTite® CC2.8	DuraTite CC2.8 Set	DT28 SET	
DuraTite® CC3.0	DuraTite CC3.0 Set	DT30 SET	
DuraTite® LRA	DuraTite LRA (drum) Set DuraTite LRA RhinoPak™	DT-LRA SET 10315-CS	DuraTite LRA is a two-component, closed-celled, spray polyurethane foam, low rise adhesive system designed to adhere a wide variety of board stock products to most roofing substrates in low-sloped roofing applications. It can also be used to adhere insulation boards together.
SPRAY FOAM - INSULATION & THERMAL BARRIER COATING			
ThermalGuard™ OC.5	ThermalGuard OC.5 Set	TGOC.5 SET	ThermalGuard OC.5, OC.5X, OC1 and OC1.6 are fast set, open-celled, 100% water-blown spray polyurethane foam (SPF) insulation systems designed to reduce energy consumption in residential & commercial structures by up to 50% by insulating and air sealing the thermal envelope in a single step. They must be installed by approved contractors and are only applied with high pressure equipment. ThermalGuard OC.5 is Class I fire retardant with a nominal density of 0.5 p.c.f (8 kg/m³) with R-value of 3.8 per inch. ThermalGuard OC.5X is Class I fire retardant with a nominal density of 0.5 p.c.f (8 kg/m³) with R-value of 4.2 per inch and is ICC-ES AC377 Appendix X compliant. ThermalGuard OC1 is Class I fire retardant with a nominal density of 1 p.c.f (16 kg/m³) with R-value of 5.2 per inch. ThermalGuard OC1.6 has a nominal density of 1.6 p.c.f (25.6 kg/m³), a substitute for closed cell 2 lb. foam.
ThermalGuard™ OC.5X	ThermalGuard OC.5X Set	TGOC.5X SET	
ThermalGuard™ OC1	ThermalGuard OC1 Set	TGOC1 SET	
ThermalGuard™ OC1.6	ThermalGuard OC1.6 Set	TGOC1.6 SET	
ThermalGuard™ CC2	ThermalGuard CC2 Set	TGCC2 SET	ThermalGuard CC2 is a Class I fire retardant, 245fa-blown, two-part, closed cell, spray applied, polyurethane foam having a nominal density of 2.0 p.c.f. (32 kg/m³). It expands 25:1, filling voids, crevices and building cavities carrying a R-value of 6.8 per inch. ThermalGuard CC2 must be installed by approved contractors with high pressure equipment only.
DC315	DC315 Intumescent Coating	DC-315	DC315 Intumescent Coating applied over spray polyurethane foam is an Alternative Barrier System in "Section 2603.9 Special Approval" as a thermal barrier.
SPRAY FOAM - SEALANT			
BioSeal® 2.0	BioSeal 2.0 Gray Set	BSL20-G SET	BioSeal product line are closed cell, water-blown, spray polyurethane foam sealants. They are ideal for agricultural and industrial applications such as poultry house/barns, tanks/silo, industrial duct work, soil stabilization, etc. Apply with high pressure equipment only. BioSeal 2.0 has a nominal density of 2.0 lbs/ft³ and 3% bio-based content in the finished foam. It is available in gray. BioSeal 3.0 has a nominal density of 3.0 lbs/ft³ and 16% or greater bio-based content in the finished foam. It is available in black or white. BioSeal 6.0 has a nominal density of 6.0 lbs/ft³ and 17% or greater bio-based content in the finished foam. It is available in black or white. BioSeal 10.0 has a nominal density of 10.0 lbs/ft³. It is available in black.
BioSeal® 3.0	BioSeal 3.0 Black Set BioSeal 3.0 White Set	BSL30-B SET BSL30-W SET	
BioSeal® 6.0	BioSeal 6.0 Black Set BioSeal 6.0 White Set	BSL60-B SET BSL60-W SET	
BioSeal® 10.0	BSL100-B SET	BioSeal 10.0 Black Set	

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Rhino® Chemical Product Line (continued)

Product Family	Chemical	Part #	Description
FOAM - MISCELLANEOUS (HIGH DENSITY, GEOTECH & POUR)			
DuraTite® 4.0 FS	DuraTite 4.0 FS Set	DT40-FS SET	DuraTite 4.0 FS is a two-component, HFC-blown, closed-cell spray polyurethane foam system. This system is formulated to set quickly for little or no dripping in overhead applications. It is used with Rhino Extreme™ to coat ship hulls and add structural strength.
GeoTech™ CC2TB	GeoTech CC2TB Set	GTCC2TB SET	GeoTech CC2TB is a two-component, closed-celled, water-blown spray polyurethane foam system designed for exterior trench-breaker and geotechnical applications that require high compressive strength and low exothermic reaction temperatures.
Rhino® RPF 3.0 FR	Rhino RPF 3.0 FR Iso Rhino RPF 3.0 FR Resin	60950 60951	Rhino RPF 3.0 FR is a water-blown, closed cell, polyurethane molding foam. Rhino RPF 3.0 has a nominal density of 3.0 pounds per cubic foot. It is ideal for use in furniture moldings, decorative wood replications and industrial applications. When cast, Rhino RPF 3.0 expands to fill the mold and flows into intricate cavities reproducing the designed article each time.
PATCH COMPOUND			
Rhino® 405	Rhino 405	405	Rhino 405 is a structural epoxy gel that is a highly versatile, 100% solids (no VOCs, no solvents) which provides a high build system that is used for filling bug holes or structural repairs. May be used like "Bondo". It has a long Pot life, is easily troweled and cures in 6 to 12 hours.
Rhino® Concrete Repair	Rhino Concrete Repair Kit	60600-K	Rhino Concrete Repair is a two-component, 70D solid patch, non-structural, grindable urethane. It is also available individually: iso (60601) and resin (60602). It cures in 10 minutes or less.
Rhino® Patch Compound	Rhino Patch Cartridge	50006	Rhino Patch Compound is a non-structural, two-part, elastomeric patch system that is designed for repairing large cracks and deep holes in concrete. It can be a bridging material over seams, bolts and weld on metal surfaces and has a 10 minute gel time.
COATING			
Epoxy 600	Epoxy 600 Clear Epoxy 600 Color	E600-CL E600-CO	Epoxy 600 is a unique, self-leveling epoxy coating designed as a high build, clear or pigmented topcoat for interior floor applications. It is a 100% solids (no VOCs, no solvents), general purpose epoxy coating with a 2:1 by volume ratio of resin to hardener with excellent chemical resistance. Available in 8 standard colors. Limited custom colors are available by special order. Product is comparable to Rhino 2300.
FastFloor®	FastFloor Iso FastFloor Resin	60400 60410	FastFloor is a polyaspartic, decorative floor coating for light traffic, rapid return-to-service applications.
Rhino® 1310T	Rhino 1310T	1310T	Rhino 1310T is a non-draining epoxy system for producing epoxy composites and cured in place pipe. Can be used with hardeners: 3102, 3103, 3138, 3191, 3192.
Rhino® 9700	Rhino 9700	9700	Rhino 9700 is a Bis-F novolac thixotropic coating & lining with superior with chemical and abrasion resistance versus Bis-A type epoxy resins.
UV Topcoat	UV Iso UV Resin Clear	40130 40120	UV Topcoat is a solvent based aliphatic elastomeric lining. UV Clear Topcoat must be pigmented to provided UV protection. Additional pre-pigmented UV Topcoats are available.
UV Topcoat White	UV Iso UV Resin White	40130 40230	
WB Epoxy Clear	WB Epoxy Clear	WBE-CL	WB Epoxy Clear is a 4:1 ratio, clear water based epoxy sealer that is two part, water based, easy to mix, easy to use, and provides superior results. Product is comparable to Rhino 1500.
WB Epoxy Color	WB Epoxy Color	WBE-CO	WB Epoxy Color is a pigmented water based epoxy coating using 1:1 volumetric mixing of resin and hardener. It is a cost effective topcoat sealer and used as an intermediate coat for broadcasting.
EQUIPMENT MAINTENANCE			
Rhino® Parts Cleaner	Rhino Parts Cleaner	50025	Rhino Parts Cleaner is used for flushing or cleaning of spray guns, metal surfaces, pumps, seals, valves and fittings in order to remove cured elastomers or crystallized isocyanates from low pressure or high pressure spray equipment.
Rhino® Pro Flush	Rhino Pro Flush	50035	Rhino Pro Flush is a unique solvent used to flush and remove uncured polyurethane, polyurea and polyaspartic polyurea from coating or spray application equipment. Rhino Pro Flush replaces solvents such as DOP, DINP, methylene chloride, acetone, MEK, and xylene.
Rhino® Storage Fluid	Rhino Storage Fluid	50045	Rhino Storage Fluid is designed to extend the life of the seals and hoses of pour or spray machines. It is used in combination with Rhino Pro™ Flush. After flushing a machine, fill the machine system with Rhino Storage Fluid which helps prevent moisture contamination hardening.

NOTE: For military applications, please ask for the Rhino Linings® RhinoArmor™ line card for military-grade products. Please contact a Rhino Regional Sales Manager for additional information.

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