

### 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	Part #	Chemical	Description	
<b>SPRAY ELASTOMER - POLYURETHANE</b>				
HardLine®  Available in both 2:1 and 1:1 volumetric ratios	2:1 ratio	60126	HardLine 21-55 Iso	HardLine is a tough-as-nails lining 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.
		60146	HardLine 21-55 Resin	
		60157	HardLine 21-55 Resin Black	
		60148	HardLine 21-55-120 Resin	
	1:1	60215-1	HardLine 11-55 Iso	
		60245-1	HardLine 11-55 Resin	
Hi-Chem™	2:1 ratio	60060	Hi-Chem 21-70 Iso	Hi-Chem is a two-component, 100% solids (no VOCs, no solvents), exothermic, rapid curing, elastomeric polyurethane lining system specifically designed for excellent chemical resistance. Hi-Chem 65D-PW is NSF 61 certified (potable water). 90 – lining system formulated with a slow gel time allowing for a smooth surface spray or casting of products.
		60070	Hi-Chem 21-70 Resin	
		60071	Hi-Chem 21-70-90 Resin	
Hi-Chem 65D-PW		60074	Hi-Chem 65D-PW Resin	
Rhino ExoCoat™	1:1	60204	Rhino ExoCoat 11-70 Iso	Rhino ExoCoat is a 100% solids (no VOCs, no solvents), plural component aromatic polyurethane hard coating designed to protect expanded polystyrene, styrofoam and polyurethane foam.
		60244	Rhino ExoCoat 11-70 Resin	
RhinoPak™ 90A	1:1 ratio	10351	Black	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.
		10373	Clear	
RhinoPak 55D		10378	Black	
		10374	Clear	
RhinoPak 60D		10332	Black	
		10331	Clear	
RhinoPak 70D		10376	Off-White	
		10384	Clear	
RhinoPak SM		10396	Black	
		10399	Clear	
Tuff Stuff® FR & Slow	2:1 ratio	60016	TuffGrip 21-90 Iso	FR – hybrid lining system specifically formulated with fire retardant additives.
		60055	Tuff Stuff FR 21-85-15 Resin	
		60016	TuffGrip 21-90 Iso	120 – lining system formulated with a slow gel time allowing for a smooth surface spray or casting of products.
		60040	Tuff Stuff 21-85-120	
		60016	TuffGrip 21-90 Iso	
	60058	Tuff Stuff FR 21-85-120 Resin		
TuffGrip®  Available in both 2:1 and 1:1 volumetric ratios	2:1 ratio	60016	TuffGrip 21-90 Iso	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 and color stability, 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.
		60026	TuffGrip 21-90 Resin	
		60158	TuffGrip 21-90 Resin Black	
	1:1 ratio	60011-1	TuffGrip 11-90 Iso	
		60038-1	TuffGrip 11-90 Resin	
		60041-1	TuffGrip 11-90 Resin Black	
	60037-1	TuffGrip 11-90A FR Resin		

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# Chemical Product Line


## Spray Elastomers, Cast Elastomers, Coatings and Foams

### Rhino™ Chemical Product Line (continued)

Product Family	Part #	Chemical	Description	
<b>SPRAY ELASTOMER - POLYUREA (HIGH PRESSURE USE ONLY)</b>				
Rhino Extreme™  Available in both 2:1 and 1:1 volumetric ratios	2:1 ratio	60075	Rhino Extreme 21-50 Iso	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
		60077	Rhino Extreme 21-50 Resin	
		60081	Rhino Extreme 21-50 Resin Black	
		60007	Rhino Extreme FR 21-50 Iso	
	1:1 ratio	60047	Rhino Extreme FR 21-50 Resin	
		60066-1	Rhino Extreme HP 11-50 Iso	
		60054-1	Rhino Extreme HP 11-50 Resin	
		60061-1	Rhino Extreme HP 11-50 Resin Black	
		60088-1	Rhino Extreme FR 11-50 Iso	
		60084-1	Rhino Extreme FR 11-50 Resin	
		60076-1	Rhino Extreme 11-70 Iso	
		60078-1	Rhino Extreme 11-70 Resin	
	60079-1	Rhino Extreme 11-70 Resin Black		
	<b>SPRAY ELASTOMER - HYBRID (HIGH PRESSURE USE ONLY)</b>			
DuraSpray®	1:1 ratio	60370-1	DuraSpray 11-60 Iso	DuraSpray is a polyurethane/polyurea system with better spray properties than a polyurethane in humid conditions. It has a shore hardness of 60D and requires high-pressure plural equipment.
		60380-1	DuraSpray 11-60 Resin	
		60385-1	DuraSpray 11-60 Resin Black	
Rhino Hybrid™  Available in both 2:1 and 1:1 volumetric ratios	2:1 ratio	60129	Rhino Hybrid 21-55 Iso	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.
		60029	Rhino Hybrid 21-55 Resin	
		60229	Rhino Hybrid 21-55 Resin Black	
	1:1 ratio	60216-1	Rhino Hybrid HP 11-50 Iso	
		60250-1	Rhino Hybrid HP 11-50 Resin.	
		60251-1	Rhino Hybrid HP 11-50 Resin Black	
<b>SPRAY ELASTOMER - ALIPHATIC (HIGH PRESSURE USE ONLY)</b>				
SolarMax®  Available in both 2:1 and 1:1 volumetric ratios	2:1	60350	SolarMax 21-50 Iso	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.
		60360	SolarMax 21-50 Resin	
	1:1	60390-1	SolarMax 11-70 Iso	
		60395-1	SolarMax 11-70 Resin	
<b>PRIMER</b>				
Bonding Agent 1K	50507	Bonding Agent 1K	Bonding Agent 1K is single-component, easy-to-use, urethane primer with excellent adhesion to steel, wood, FRP and many other surfaces.	
Epoxy 200	E200-3	Epoxy 200 Clear 2A:1B 3 Gal Kit	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	50502	Primer 101 Part A	Primer 101 is 1:1 ratio, two-component, epoxy primer and sealing material for wood and concrete.	
	50512	Primer 101 Part B		
	50522-K	Primer 101 Kit		
Primer 161	50506	Primer 161 Iso, Part A	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.	
	50516	Primer 161 Resin, Part B		
	50526-K	Primer 161, Quart/pint Kit		
	50527-K	Primer 161, HEDPAK Kit		
Primer 251	50504	Primer 251 Iso, Part A	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.	
	50514	Primer 251 Resin, Part B		
Rhino 1500	1500K-5	1500 5 Gallon Kit	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.	

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## Rhino™ Chemical Product Line *(continued)*

Product Family	Part #	Chemical	Description
<b>PATCH COMPOUND</b>			
Rhino™ 405	405	Rhino 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	60600-K	Rhino Concrete Repair Kit	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	50006	Rhino Patch Cartridge	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.
<b>ROOF COATING</b>			
Rhino Acrylic Topcoat	60562 60567	Rhino Acrylic Topcoat Std White Rhino Acrylic Topcoat Std Gray	Rhino Acrylic Topcoat is a high solid, fire retardant, single component elastomeric acrylic coating. It is also available in quick setting formulation: White (60561) and Gray (60566). For application ease, gray is recommended for the base coat and white for the second coat.
Rhino Eco-Coat™	60701 60702	Rhino Eco-Coat Iso Rhino Eco-Coat Resin	Rhino Eco-Coat is a fire retardant, plural component aluminized hybrid polyurea spray applied lining designed for roofing applications.
Rhino Silicone Topcoat	60550 60555	Rhino Silicone Topcoat White Rhino Silicone Topcoat Gray	Rhino Silicone Topcoat is a high quality, low VOC, RTV elastomeric coating designed to weatherproof polyurethane foam roofing systems. For application ease, gray is recommended for the base coat and white for the second coat.
<b>SPRAY FOAM - INSULATION (HIGH PRESSURE USE ONLY)</b>			
 BioBased 501w®	501W SET	501w Set	BioBased 501w is a Class I fire retardant spray polyurethane foam. It is an open cell, water blown foam with 3% biobased content in the finished foam. It is recommended for walls, ceilings, roof decks and ductwork applications and is ICC-rated. It has 0.5 pound per cubic foot density and is an ASTM E-84 Class I wall insulation foam.
DuraTite™ 2.0	DT20 SET	DuraTite 2.0 Set Kit	DuraTite 2.0 is a 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 30:1, filling voids, crevices and building cavities. DuraTite 2.0 must be installed by approved contractors. It is an ASTM E-84 Class I wall insulation foam.
<b>SPRAY FOAM - ROOF INSULATION (HIGH PRESSURE USE ONLY)</b>			
DuraTite™ 2.5	DT25 SET	DuraTite 2.5 Set Kit	DuraTite 2.5, DuraTite 2.8 and DuraTite 3.0 are HFC-blown, Zero Ozone-Depleting, closed-cell spray polyurethane foam systems. They are ASTM E-84 Class II foams. These foams come in two temperature grades: 70-120°F (21-48°C) and 45-70°F (7-21°C). When ordering these products, allow for lead time of 5 to 10 days. 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™ 2.8	DT28 SET	DuraTite 2.8 Set Kit	
DuraTite™ 3.0	DT30 SET	DuraTite 3.0 Set Kit	
<b>SPRAY FOAM - SEALANT (HIGH PRESSURE USE ONLY)</b>			
BioSeal™ 3.0	BSL30-B SET	BioSeal 3.0 Black Set Kit	BioSeal 3.0 is a closed cell, water-blown, spray polyurethane foam sealant with a nominal density of 3.0 lbs/ft³ and 16% or greater bio-based content in the finished foam. It is ideal for agricultural and industrial applications such as poultry house/barns, tanks/silo, industrial duct work, soil stabilization, etc. It is available in black or white.
	BSL30-W SET	BioSeal 3.0 White Set Kit	
BioSeal™ 6.0	BSL60-B SET	BioSeal 6.0 Black Set Kit	BioSeal 6.0 is a closed cell, water-blown, spray polyurethane foam sealant with a nominal density of 6.0 lbs/ft³ and 17% or greater bio-based content in the finished foam. It is ideal for agricultural and industrial applications such as poultry house/barns, tanks/silo, industrial duct work, soil stabilization, etc. It is available in black or white.
	BSL60-W SET	BioSeal 6.0 White Set Kit	
<b>SPRAY FOAM - FLEX (HIGH PRESSURE USE ONLY)</b>			
Rhino Flex™	60131	Rhino Flex 11-35 Iso	Rhino Flex is a micro-cellular, self-leveling, spray polyurethane foam with excellent rebound properties. This "soft cushion" or "soft play" foam is recommended for OEM automotive fabrication, off-highway equipment, animal enclosures, amusement ride industries, etc.
	60136	Rhino Flex 11-35 Resin	

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### Rhino™ Chemical Product Line *(continued)*

Product Family	Part #	Chemical	Description
<b>COATING</b>			
Epoxy 600	E600-CL	Epoxy 600 Clear	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.
	E600-CO	Epoxy 600 Color	
FastFloor™	60400	FastFloor Iso	FastFloor is a polyaspartic, decorative floor coating for light traffic, rapid return-to-service applications.
	60410	FastFloor Resin	
	60405	FastFloor HB Iso	FastFloor HB is a polyaspartic floor coating designed as a high build, durable coating for commercial and industrial flooring.
	60415	FastFloor HB Resin	
Rhino 1310T	1310T	Rhino 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 9300	9300	Rhino 9300	Rhino 9300 is a Bis-F novolac self leveling epoxy coating with superior chemical and abrasion resistance versus Bis-A type epoxy resins.
Rhino 9700	9700	Rhino 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	40130	UV Iso	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.
	40120	UV Resin Clear	
UV Topcoat White	40130	UV Iso	
	40230	UV Resin White	
WB Epoxy Clear	WBE-CL	WB Epoxy Clear	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	WBE-CO	WB Epoxy Color	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.

**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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