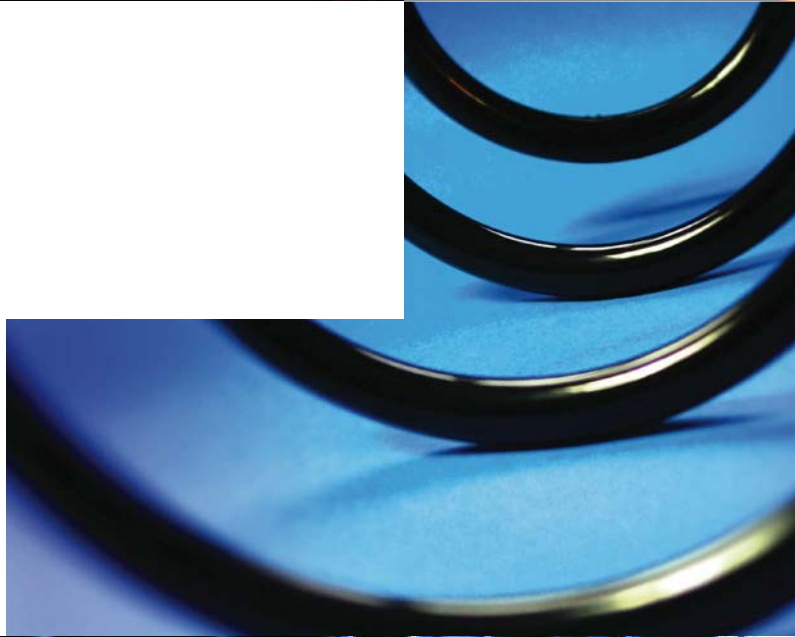


Interpon A1000: Powertrain and Chassis



Interpon A1000

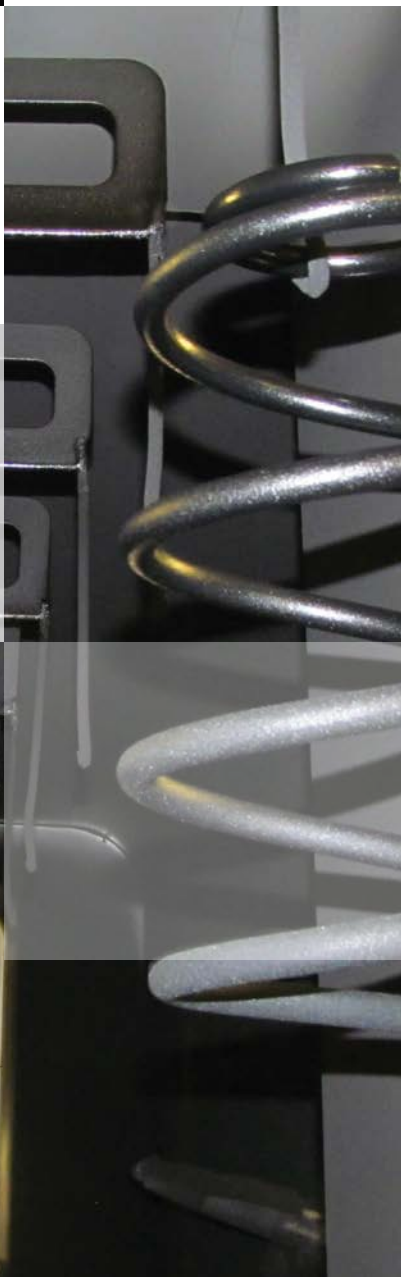


Interpon A1000 Powertrain and Chassis

The **Interpon A1000** series covers a wide range of powder coatings specifically designed to meet the extreme demands of automotive and heavy duty truck power train and chassis parts. Demanding environments require high performance protection. Whether it's from the effects of fuel and battery acids or wear and tear caused by corrosion fatigue and stone chipping, Interpon powder coatings are your first line of defence.

Interpon A1000 will enhance and protect automotive parts with excellent chemical, corrosion and chip resistance as well as the right aesthetic appearance exactly where it's needed. Not only will you benefit from the environmental advantages that powder coatings offer, but **Interpon A1000** products are available in additional energy efficient solutions such as low and fast cure systems or AkzoNobel's proprietary particle management technology.

Interpon A1000 for Powertrain and Chassis are the coatings of choice for a wide variety of automotive and heavy duty truck components:



Engine Blocks

Interpon A1250 takes nothing for granted when it comes to coating parts under the hood. Out of sight is not out of mind. The geometry, coarse surface and performance requirements of the engine block demands coatings that achieve good wetting of the rough surface, excellent penetration into recessed areas, good edge coverage, faster cure times, and great performance. In addition, the cured **Interpon A1250** powder film is formulated for a strong combination of mechanical properties which will withstand high speed machining without chipping or flaking or generating debris from the machining processes that are typical for engine blocks. Finally, **Interpon A1250** comes in a range of glosses and textures for engine blocks designed for distinction.

Valve Covers

Interpon A1000 for valve covers offers thermosetting powder coatings which exhibit good corrosion resistance, mechanical strength and superior edge coverage. Specifically developed with manifold valve covers in mind, these machining grade powders come in black or special metallic effects. They are suitable for rough cast metal surfaces and provide excellent application properties.

Oil and Air Filters

These **Interpon A1241** thermosetting powder coatings not only boast superb mechanical features such as resistance to hot oil and a non-slip surface, but add an aesthetic dimension as well. They come in a range of colors and gloss to decorate as well as protect the part. These products also offer faster cure times including IR. They also provide good corrosion, heat and yellowing resistance, gasoline resistance and good mechanical strength.



Powertrain and Chassis

Suspension Springs

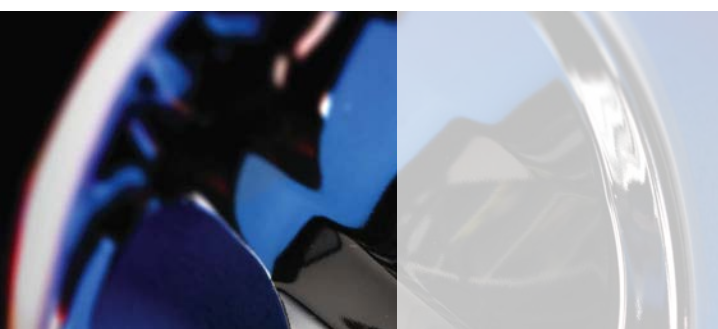
Interpon A1242 powder has an excellent line of coatings for coil springs, and torsion bars essential to the safe performance and comfortable ride of today's car and truck chassis systems. **Interpon A1242's** single layer systems offer unyielding performance in corrosion and chip resistance balanced with excellent application efficiencies. Our patented dual-layer system for coil springs offers superior corrosion protection and critical chip resistance in both zinc and non-zinc containing primer versions to bring you the most economical and responsible choices in coatings for high performance, high tensile springs.

Major Markets	AkzoNobel Product Code	Gloss Units	cure min@MT	Color	OEM
Europe China NAR	AN006GF, AN006S AN006Z	>80	8 min @ 140°C	black	Europe
Europe China EMEIA	AN002D, AN002Z	>80	15 min @ 165°C	black	all Europe
Global	BN203QF BN203GF	40	20 min @ 160°C	black	GM, Ford Chrysler
Global	BL104QF BL104GF	50	20 min @ 160°C	grey	GM, Ford Chrysler
NAR	AN010QF	80	8 min @ 155°C	black	GM, Ford Chrysler
Global	BN003G, AN010Q	>80	8 min @ 155°C	black	Global OEM
NAR	AN005QF	85	5 min @ 205°C	black	GM
Korea	BN003K	>80	10 min @ 180°C	black	Hyundai/Kia
Korea	BN105K	45	20 min @ 160°C	black	Hyundai/Kia
Korea	BN100K	70	10 min @ 150°C	black	Hyundai/Kia
NAR	BL101Q	80	15 min @ 160°C	grey	GM

All products are OEM approved (ask for specific approval documentation and TDS)

Brakes

Interpon A1243 for brake components combines toughness and durability with excellent corrosion and chemical resistance. They also come in a range of colors to meet the varied design needs for brake pads, brake discs, callipers and other wheel hardware that is visible in an open wheel design.



Major Markets	AkzoNobel Product Code	Part	Gloss Units	cure min@MT	Color	OEM
Global	AN014GF	drive shaft	90	10 min @ 180°C	black	Global
NAR	BN101Q	Engine block	45	15 min @ 120°C	black	GM
NAR	AN100Q	Engine block	35	15 min @ 175°C	black	US
Europe	AN013GF	brake pipe	95	10 min @ 140°C	black	Europe
Korea	FL401K	LPG fuel tank	semi	15 min @ 160°C	grey	Hyundai/Kia
Global	AN100V	brake pad	40	12 min @ 200°C	black	Global
Global	AN110V AN110D	engine block brake pad	40	5 min @ 200°C	black	Global
EMEIA	FN6014	fuel tank	75	15 min @ 140°C	black	Turkey
Global	HZG04R	head lamp	>100	30 min @ 240°C	clear	Global
Global	HYG01GF	head lamp	>100	20 min @ 235°C	clear	Global
Korea	EN222K	brake pads	mat	10 min @ 180°C	black	Hyundai/Kia
NAR	AN005QF	brake pads	85	5 min @ 205°C	black	GM
Global	AN010Q	universal	80	8 min @ 155°C	black	Global OEM
Europe	BN302D BN306D BN308D	engine block	texture	10 min @ 180°C	black	Europe OEM
NAR	BN006Q	Condenser	60	15 min @ 140°C	black	Ford, CHR GM
Europe	EN105GF	Condenser	-	15 min @ 150°C	black	Europe OEM
Europe	AN001GF	module frame	>80	10 min @ 160°C	black	Audi, VW
NAR	EA027QF EJ006QF EN027QF	Oil filter	-	IR Cure	white blue black	US
Korea	FA055K	Oil filter	Gloss	3 min @ 180°C	white	GM Hyundai, Kia
Europe	EN222GF	Gas springs	30-40	20 min @ 240°C	black	Europe OEM
China	WN301G	muffler	texture	20 min @ 220°C	black	GM

All products are OEM approved (ask for specific approval documentation and TDS)

Brackets/Gear Box Casings

Interpon A1000 coatings provide valuable protection against chipping and corrosion essential in the protection of the brackets and housings and many other underhood parts.

Headlamp Reflectors

The visual effect achieved from the final headlamp reflector is of the utmost importance and a quality **Interpon A1270** powder primer is the key. The powder coating covers defects in the fabricated part and provides a smooth, corrosion resistant and high reflection finish for the vacuum metalisation process.

The Cars and Trucks of Tomorrow

Battery boxes, fuel cell enclosures and other devices of tomorrow as well as new materials like GFL, CFK and SMC are being designed and tested today. You can be assured that **Interpon Automotive** coatings are ready now for all of your project needs.

For more information on the extensive **Interpon A1000** range speak to your AkzoNobel Powder Coatings representative or visit our website at www.interpon.com/InterponA

With worldwide manufacturing and supply capability, Interpon A ensures consistent, quality coatings on a global scale.

Local Websites

Australia

www.interpon.com.au

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www.interpon.cn

Colombia

www.interpon.com.co

Czech Republic

www.interpon.cz

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