

MAXPRO AND MAXPRO Z+ PAINT PROCESSES

MAXON[®]

A Breakthrough in Liftgate Finish Durability



Corrosion is a problem that costs the transportation industry over \$20 billion a year. To find an answer, Maxon turned to inspiration from the harshest applications imaginable—offshore drilling platforms and oceangoing tanker ships. Now, all Maxon lifts can benefit from this inspiration.

The Most Durable Finishes Available Today

Maxon MaxPro and MaxPro Z+ are nothing more than a revolution in liftgate finishes. With 300 to 2000% more corrosion resistance than standard finishes, and unsurpassed impact resistance, MaxPro finishes outperform both galvanizing and powder coating.

MaxPro is literally the difference between a liftgate that still looks shiny and new for 5 years, rather than one that begins to show visible corrosion in only 18 months.

MAXPRO OVERVIEW

- **Patented 174 Polyurea Top Coat:** Extremely tough exterior finish with superior impact resistance provides dramatically improved performance relative to all other paints and coatings.
- **510 HS Primer:** Excellent adhesion properties prevent the spread of corrosion in the event of a break in the barrier.
- Provides 300-500% better performance than other finishes through barrier technology.

MAXPRO Z+ OVERVIEW

- **Patented 174 Polyurea Top Coat:** Extremely tough exterior finish with superior impact resistance provides dramatically improved performance relative to all other paints and coatings.
- **220 Zinc-Rich Urethane Primer:** Provides additional performance as a sacrificial anode in the case of a break in the barrier.
- Provides 1600-2000% better performance than other finishes through sacrificial anode technology.

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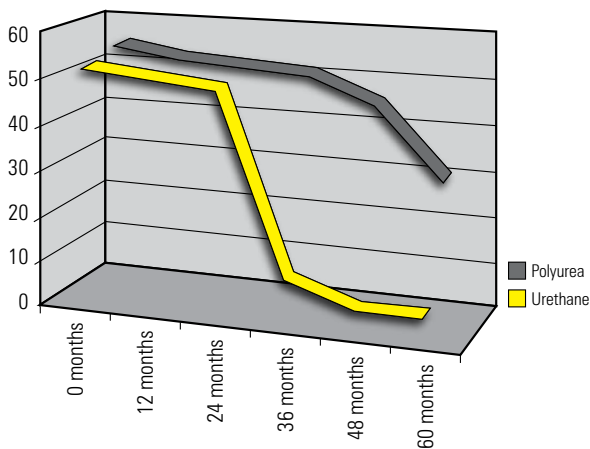
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APPLICATIONS

MaxPro is ideal for all general liftgate applications, providing a longer service life and a more attractive gate. MaxPro Z+ is ideal for severe climates such as the northeastern United States and Canada, providing dramatically enhanced protection against the elements.

Both finishes are available on all Maxon gates.

GLOSS RETENTION VS. STANDARD URETHANES



MaxPro Patented Topcoat



Competitive Powder Coating

SPECIFICATIONS

	TRADITIONAL WET PAINT PROCESS	MAXPRO SYSTEM	MAXPRO Z+ SYSTEM
Performance	Baseline	3-5 times better	16-20 times better
Primer Solids by Volume	12%	43%	63%
Top Coat Solids by Volume	35%	57%	57%
Primer sq/ft Coverage @ 1m	192 sq/ft per gallon	690 sq/ft per gallon	1,010 sq/ft per gallon
Top Coat sq/ft Coverage @ 1m	561 sq/ft per gallon	914 sq/ft per gallon	914 sq/ft per gallon
Adhesion ASTM	3B	5B	5B
Salt Fog ASTM B-117	500-750 Hours	1,500-2,500 Hours	8,000-10,000 Hours
Gloss Retention 500 hrs QUV	65-70 start 20 degree fin.	65-70 start 62 degree fin.	65-70 start 62 degree fin.
Sys. Hardness ASTM	HB	2H	2H
Gravelometer ASTM	2	5+	5+
Conical Mandrel	1/4" Fail	1/4" Pass	1/8" Pass
Direct Impact ASTM	>120 inch/lbs	>180 inch/lbs	>200 inch/lbs
Reverse Impact	>40 inch/lbs	>80 inch/lbs	>120 inch/lbs

