

New Product Preview Information Sheet

MacPac™ - MacPac-S

Arriving Spring 2007

Lorin Industries is pleased to introduce our first new product innovation of the New Year: **MacPac-S** – a high strength anodized aluminum.

Technology: “MacPac” stands for *Multiple Alloy Combinations* and features an anodized finish on a new breakthrough technology that simultaneously casts multiple alloy layers into a single aluminum rolling ingot, enabling optimal combinations of core properties and surface properties.

MacPac-S Solutions Ideas:	Appliance	Elevators / Escalators
	Architectural Hardware	Foodservice
	Architectural Panels	Specialty Applications
	Automotive Applications	Transportation Panels
	Ceiling Panels	

MacPac-S Key Features: **High Strength**
MacPac-S features an AQ Quality surface alloy combined with a high strength core alloy.

	MP-S	5005 AL	6061 T6 AL	SS 304L
<i>UTS:</i>	51-52 KSI	20-26 KSI	38 KSI	85 KSI
<i>UYS:</i>	45 Min KSI	15 Min KSI	32 KSI	35 KSI
<i>Elongation:</i>	8%	3%	10%	

Reduced Weight

Anodized aluminum products weigh approximately 60% less than stainless steel and other alternative metals.

Consistency

Because anodizing is a “finishing” process, MacPac products ensure consistent gloss and color. Other metals arrive “as rolled” with no assurance of lot-to-lot uniformity.

Production Efficiencies

MacPac arrives clean and ready for immediate production. In addition, MacPac products are available in large coil sizes – up to 15,000 pounds, meaning less machine downtime for coil changes.

MacPac-S Material Standards:

- Visual Alloy:* • 5005
- Temper:* • H16
- Available Finishes:* • Short Line Brush (Q207) | Mill Finish (Q207) | Long Line Brush (Q307) | MicroMatt Finish (Q307)

Anodized Product Standards:

- Available with any standard Lorin anodize finish and color combination.
- Custom colors and finishes available with prior approval.

Learn More About MacPac: To get on our New Product Preview distribution list, email us at info@lorin.com or lauraamrhein@lorin.com or call 1-800-654-1159 domestically or 1-231-722-1631 internationally.
Information available at www.lorin.com late Q1 2007.