

## PERFORMA 560

PERFORMA 560 is **ammonium-free**, high alloy (12-15%) acid zinc/nickel plating process. Suitable for use in rack and barrel installations, the PERFORMA 560 process can be applied to a variety of materials, including sintered materials and cast iron (ie. brake callipers). It is also well suited for all types of fasteners.

The PERFORMA 560 process provides highly corrosion resistant, **12 – 15 % bright zinc/nickel** coatings. The deposits exhibit good leveling and ductility and are easy to passivate. The end result is a high-quality corrosion protection system.

### Significant advantages:

- Highly stable and economical brightener system
- High efficiency for rack and barrel applications
- Consistent alloy across the entire current density range
- Continuous production at the highest quality level

Fields of applications:

- **Automotive industry**
- **Numerous industrial applications, including fasteners.**



### Operating Parameters

Bath Parameter	Rack / Barrel	Optimum
Zinc	25 – 31 g/L (3.35-4.15 opg)	28 g/L (3.75 opg)
Nickel	24 – 26 g/L (3.25-3.50 opg)	25 g/L (3.35 opg)
Chloride (Cl <sup>-</sup> )	165 – 185 g/L (22-25 opg)	180 g/L (24 opg)
Boric Acid	17 – 23 g/L (2.3-3.0 opg)	20 g/L (2.7 opg)
Sodium acetate	33 – 37 g/L (4.5-5.0 opg)	35 g/L (4.75 opg)
PERFORMA 560 BASE	45 – 55 mL/L (4.5-5.5%)	50 mL/L (5%)
PERFORMA 560 BRI	1.6 – 2.4 mL/L (0.16-0.24%)	2 mL/L (0.2%)
PERFORMA 560 ADDITIVE H	20 – 24 mL/L (2.0-2.4%)	22 mL/L (2.2%)
pH	5.3 – 5.6	5.5
Temperature	33 – 37 °C (90-100°F)	35 °C (95°F)

### Replenishment Additions per 10,000 Ah

	Rack / Barrel
PERFORMA 560 BASE	1.8 – 2.8 L (1 gallon / 13,500-21,000 AH)
PERFORMA 560 BRI	0.8 – 1.6 L (1 gallon / 23,500-47,500 AH)
PERFORMA 560 ADDITIVE H	0.8 – 1.3 L (1 gallon / 29,000-47,500 AH)

For reliable and economic waste water treatment we recommend our **OMEGA** product line.