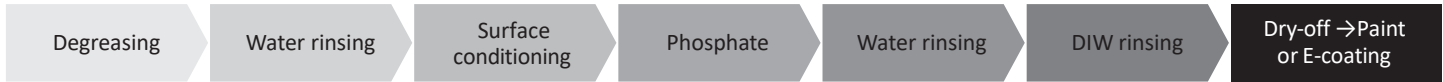




Parker Nano-coating Technology for Multi-Metal

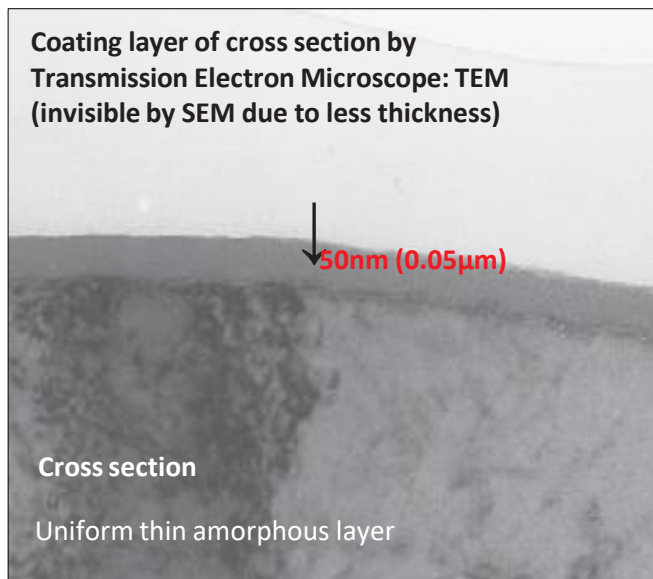
PALLUMINA / PALLUCID™ series

Zinc phosphate treatment process (conventional)



Parker nano-coating technology process (PALLUCID™)

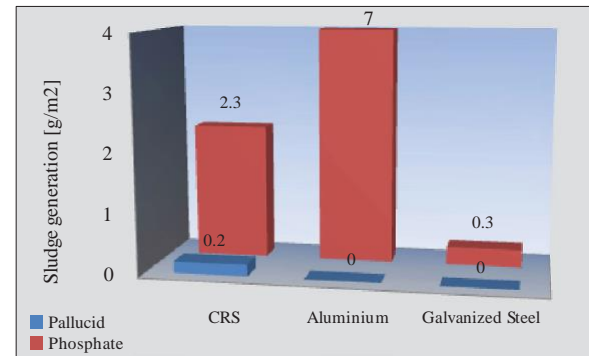
Surface conditioning stage can be skipped



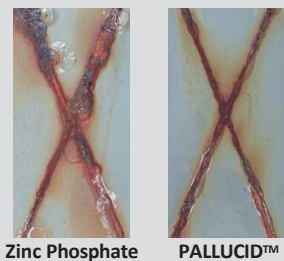
Treatment condition

- Time: 60- 120 sec
- Temp.: 30- 50 sec
- Application: Dip or Spray

Sludge generation on each substrate



CCT results of E-coated CRS panels



Even better corrosion resistance

Hazardous elements comparison

- | | |
|----------------------|-------------|
| • Nickel & Manganese | 0% |
| • Phosphate | 0% |
| • Nitrate | approx. 60% |
| • Fluoride | approx. 50% |
- Environmentally friendly

Benefits

- Shorter process due to no S/C stage → **High productivity**
- Less sludge generation → **Less disposal**
- Less concentrations of hazardous elements → **Reduction of ETP loading**
- Even better corrosion resistance → **Quality improvement**

Serving our Customers with...

What they need

Where they need

When they need

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