



SURVIVOR[®] **Finishing Process Defends** **Against the Elements**

The finishing process for Rice Lake Weighing Systems' SURVIVOR[®] truck scales helps defend against rust and corrosion.

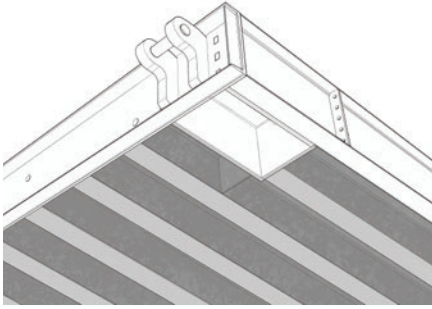
Cleaning Process

Before truck scale production begins, an abrasive blast cleaning removes mill scale, oil and other residue steel comes in contact with before reaching Rice Lake's manufacturing facilities. This process ensures consistent, long-lasting welds.

Saw lubricants, welding smoke and welding residue adhere to steel throughout the manufacturing process. Rice Lake uses a thorough cleaning process after scale components have been welded to ensure proper paint adhesion.

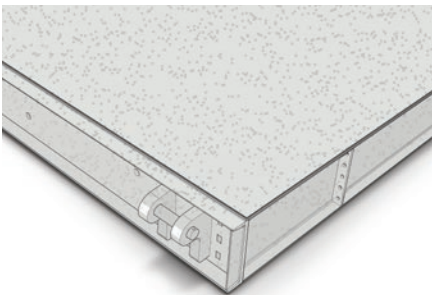
Once the fabricated scale has been thoroughly cleaned, truck scales have two red top coat finishing options: a high-solids urethane finish or a powder coat paint finish.

High-solids Urethane



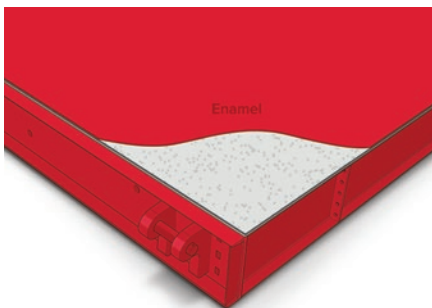
Undercoating

First, all non-visible scale surfaces receive an abrasion-resistant, asphalt-emulsion undercoating to prevent rust caused by condensation or standing water.



High-solids Primer

After undercoating is applied, all visible or exposed scale surfaces receive a coat of high-solids urethane primer.



High-solids Liquid Paint

Finally, the specialized high-solids urethane finish coat provides lasting durability and chemical resistance.

Powder Coat Finishing



Static Charge

Powder coating uses a fine powder mixture of resin and pigment particles to create a thick, uniform finish. An electrostatic charge holds the powder in place as it's applied to the entire scale surface.



Application

Powder-coated scales receive a protective black undercoat and red top coat. After the powder is applied, the scale is moved to a curing oven where the powder paint melts, fusing to the truck scale surface.



Durability

Powder coating is extremely resistant to chipping, scratching and wearing. This high-quality finish protects the scale from rust and corrosion-causing elements in all weather conditions.



Rice Lake Weighing Systems also offers other truck scale finishes to protect against corrosive environments, including a hot-dipped galvanized finish. For more information on Rice Lake's [SURVIVOR](#) truck scales, contact one of our heavy capacity experts.