

Prep & Paint ~ Why?

Prep ~ Paint ~ Dry

- **Extensive Cleaning**

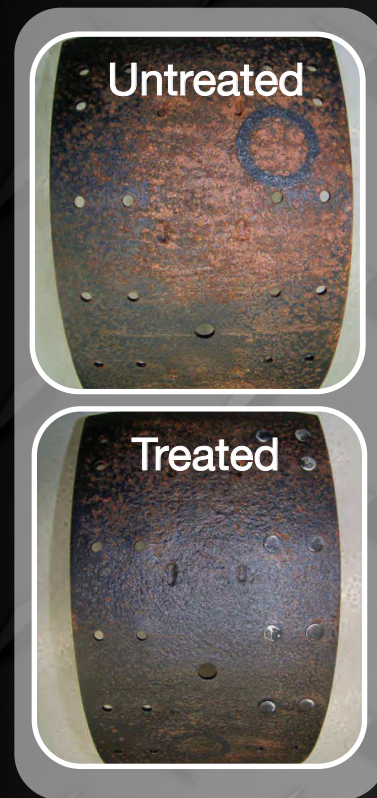
To have a truly clean brake shoe the chlorides (soluble salts) must be removed. These salts have built-up from de-icing salts, fumes and acid rain and will cause Rust Jacking

- **Eliminate Flash Rusting**

In high-humidity storage facilities a corrosion process "Flash Rusting" is known to occur. This salt-steel-paint reaction is the result of an inadequately cleaned brake shoe. Eliminating rust increases the brake shoe shelf life

- **Corrosion Protection**

Twice as Nice... The new BMS System is an automated dip coating that coats our shoes in "twice the thickness" giving approximately 3 years of corrosion-free life when combined with ECRB's quality workmanship



BMS Fully Automatic Process provides consistently clean brake shoes in only a fraction of the time from start to finish meaning a better looking and longer lasting product that ECRB can confidently sell to their customers



Rust Jacking

Rust Jacking is a condition caused by de-icing chemicals found on the highways.

When combined with the winter moisture, rust appears on the brake shoe table and as it builds it pushes against the lining and "jacks" it up until the lining cracks and eventually breaks

How do we prevent this?

By prepping the surface of the brake shoe before painting, ECRB is able to remove the chlorides & eliminate rust jacking for the life of the coating (appx. 3 years)

What does this mean for our Customers?

Once the lining cracks due to Rust Jacking, it is deemed unsafe although much of the lining still remains. Premature brake changes deny truck operators full value of their brake shoes

ECRB prevents this with our new BMS Paint Process featuring ECRB's exclusive Orange Fusion



ECRB's Exclusive Orange FusionSM

Orange Fusion is a special dipping process where the brake shoes are submerged in our exclusive system. The brake shoe is then sent through a rigorous 4-Step drying system where the paint bonds to the shoe for a longer life

4 ~ Step Drying System



Stage 1

A 6 minute "Drip Off" time occurs once the shoe comes out of the paint tank

Stage 2

A forced dehumidifying chamber removes the water from the wet paint in a 10 minute process

Stage 3

The shoes enter a heated convection chamber for 40 minutes at 140°F to dry the coating

Stage 4

A 10 minute "Cool Down" period allows for easy handling upon exiting the machine

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Brake Your Rust Jacking