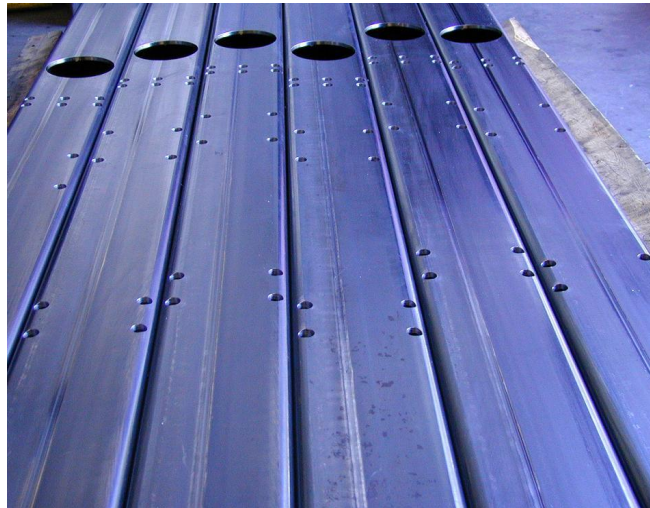


# HOT DIP GALVANIZING



- **Extraordinary Corrosion Resistance**
- **15 Year Guarantee Against Frame Rust Through**
- **Lowest Long Term Cost/ Less Maintenance**

Following extensive preparation, the entire steel frame of the machine is immersed in molten zinc creating a tough protective coating, which is metallurgically bonded to the steel.



Preparatory holes are drilled into the frame allowing the molten zinc to flow inside the steel frame to coat and protect the frame both inside and out.



Following galvanization the frame receives a high quality industrial paint for a final layer of protection.



**Galvanize your SURF RAKE today!**

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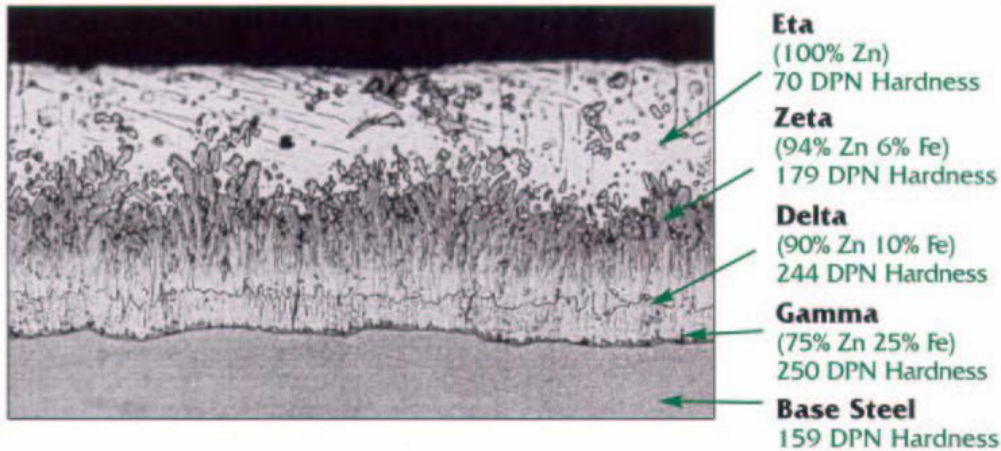
## HOT DIP GALVANIZING: Can't get any better!

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There is no better way to coat and protect a machine than by using hot dip galvanizing. *Let us tell you why...*

### HARDER THAN STEEL



*Electrons naturally gravitate towards zinc. The thicker the layers, the longer it will take to corrode. The base steel is covered with four different levels of hot dip galvanization. The hardest, strongest level starts out at the bottom, closest to the steel. The layers work their way up, making it close to impossible to get through the layers of galvanization.*

\*DPN-Diamond Pyramid Number

**HOT-Really hot!** At 800 degrees Fahrenheit, molten zinc metallurgically bonds to the base steel. The layers that are formed with the steel (called iron zinc alloys) are actually harder than the base steel itself! **BASE STEEL AND THE MOLTEN ZINC MUST BE AT A MINIMUM OF 800 DEGREES FAHRENHEIT OR THIS BOND CANNOT OCCUR.**

**DIP-All** components of the SURF RAKE are completely dipped into molten zinc. Because of this complete immersion, all surfaces, inside and out, are covered with a consistent layer of zinc. All steel surfaces, whether you can see them or not, are covered. Every crack, corner, crevice, and even the edges have the same thick layer of zinc bonded to their surface.

Most other companies choose to spray paint a primer layer with zinc over their machines leaving room for application error. When hand spraying, small cracks and corners are easy to miss. This cold galvanizing only covers easily accessed areas and does not form a metallurgic bond with the base steel.

**Cathodic protection, 100%-Zinc** will *preferentially* corrode and protect the base steel against rusting even when the coating is damaged. Other coverings which do not form the metallurgical bond will not be able to protect the steel as well as hot dip galvanizing does. Hot dip galvanizing ensures that there is a thick layer, from four to six millimeters of zinc covering all surfaces.

**Save Money!** Machines will have a substantially longer life if they are hot dip galvanized. Sand, sea water and salt air all accelerate the deterioration of a beach cleaner. Your machine will always look great. You will save money on maintenance, no touching up rust spots, repainting, or replacing of corroded parts. Maintenance costs will go down and the overall machine life will increase.

Some of our competitors use a cheap inorganic zinc-rich paint which doesn't come close to the quality of hot dip galvanization.

**Guarantee-We** are so confident in our hot dip galvanized frames that we guarantee the entire frame against failure due to rust for 15 years!

**Conclusion-Hot** dip galvanizing your machine is the way to go! It offers the best protection available and guarantees a longer lasting frame. Barber machines are made to last!

Available on all SURF RAKE Models.

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H. Barber & Sons, Inc.  
www.hbarber.com

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