

## Descaling and Preservation of Mill Steel



### **Save time, money, and manpower.**

A number of steel, construction, and marine companies have discovered that having the raw mill steel descaled and preserved at DivCon's Jacksonville, Florida facility, before it is shipped to the job site, has a number of advantages. First, having descaled and preserved ahead of time means you don't need to invest in costly descaling equipment on site. Nor do you have to employ or train specialized technicians. Last, but not least, your steel is ready to be used without delay.

### **Prevent corrosion before it starts.**

Pre-painting makes it possible to store the steel for longer periods of time. That way it is available on site when you need it, eliminating costly production delays. The sooner you can descale and preserve steel, the better. Once exposed to the elements, mill steel almost immediately begins to oxidize, and especially so if it is stored on docks or at shipyards where the steel can come in contact with salt water.

*Large material handling capabilities available for extra heavy items. A large 1" x 10' x 40' steel plate being staged for descaling.*

### **Rely on our corrosion experts.**

DivCon has this process down to a science. The mill steel goes through a chamber where it is bombarded with different types of steel shot, depending on the level of cleaning required. Then, immediately after descaling the surface, the metal is coated to prevent oxidation.

DivCon's crew members are descaling and preservation specialists, so you can be assured that the quality of the finished steel always meets the highest standard. Our personnel are also trained to precisely follow engineering spec line charts.

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### Bring on the really big stuff.

Our 18-acre industrial complex includes over 20,000 square feet of blasting and painting building space. So production is not slowed due to inclement weather conditions. Our facility features a 12-wheel automated **PangBorn RotoBlast room** equipped with a **30-ton bridge crane**. This gives DivCon the unique capability to quickly blast containers or structural steel components as heavy as 60,000 pounds, up to 100 feet in length, 10 feet in width, and 10 feet in height. Our manual blast room also allows us to manually air blast larger structural components of 60,000 pounds or less, up to 70 feet long, as well as spot blast when needed. In addition, we also have an 880 square foot **Hoffman enclosed steel grit blast room**.

In some instances, the steel only has to be pressure washed to clean off residue. Then, depending on the type of finish, DivCon will recommend the anchor profile necessary for the finish to adhere to the surface. A wide range of coatings is available depending on your needs and budget.

Our pre-construction weldable primer is very popular with construction steel clients. It allows you to weld the steel without first having to remove the finish. After welding, the treated area can then be wire brushed and coated.

*40' sheet of 1/2" steel exiting the descaling process.*



### Quality control you can trust.

Some companies have a few inspectors to maintain quality control. At DivCon, everyone is a quality control inspector. Every piece of steel is meticulously checked and rechecked at every step in the process. That's because doing it right the first time is the only way to do it.

### You are in good company with DivCon's clients.

Give us the opportunity to assist you with descaling preservation and you will join our list of satisfied customers such as Skyline Steel, Metals USA, Kelley Tractor, Namasco, and Mobro Marine.



*Descaled plate steel coated with pre-construction weldable primer.*