

Belzona 4411 and Belzona 9221 increases the grip on lumber organizing equipment

ID: 9686

Industry: Pulp & Paper

Customer Location: Spokane, Washington

Application: SHM-Solids Handling Machinery

Application Date: August 2018

Substrate: Carbon steel

Products: Belzona 4411 (Granogrip), Belzona 9221 (Surefoot Aggregate White)

Problem

These "fingers" basically walk forward and back moving lumber into position for stacking. Smooth metal does not grip the lumber well enough.



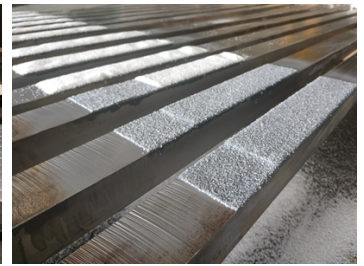
The fingers hand tool prepped, and taped off ready for the application.



Applying the Belzona 4411.



Applying the Belzona 9221 to refusal.



Application complete. The fingers are separated, and the excess Belzona 9221 is being removed and saved for the next application.

Application Situation

The fingers required a reliable gripping material. Through trial and error, this manufacturer had tried many different products, and Belzona 4411 and 9221 was the only material that provided long lasting results. Not having to reapply grip material as a warranty item greatly reduced this companies expenses and increased their profit.

Application Method

The metal was prepped with a hand grinder for a rough and irregular surface, then washed with solvent. The Belzona 4411 was applied by brush, and the Belzona 9221 was sprinkled on with a plastic bag underneath to catch the excess for future applications.

Belzona Facts

The ability to mix Belzona 4411 in smaller quantities greatly increased the overall attractiveness of this solution by reducing the overall cost of each batch of fingers. This actually brought the cost of materials down to be comparable to sticky grip tape that would only last for months compared to years. This solution was adapted by the customer as a standard for their manufacturing process due to its longevity in operation in the field.

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