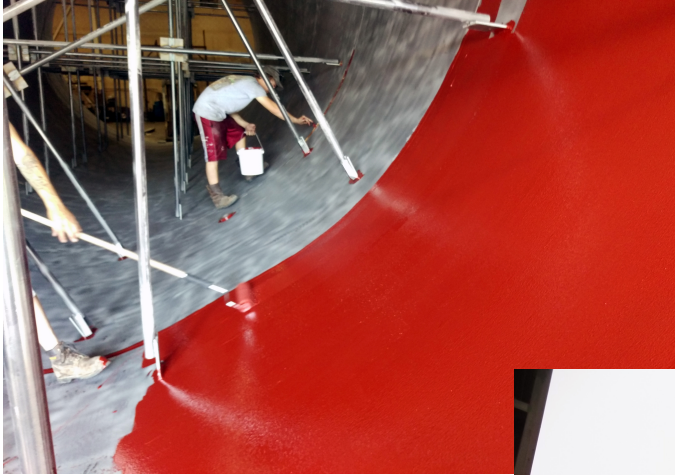


Project: Steel Stack Protection



The Problem

A world-wide steel corporation needed a long-term protection solution for their BOF new stack, since the previous one was only 10 years old and cost over \$1.5 million. Their engineering group reached out to USI for a long-term protection option, as it needed to be formulated to offer abrasion and acid dew point corrosion protection.



The Solution

We recommended **HPL-4323** because of its flexibility, abrasion resistance, and acid dew point corrosion protection up to 400F. The client coated the top half of the stack first (it was 3 phase project), putting it into service for 4 months. The results were satisfactory, causing them to coat the entire stack, enabling them to extend the life of their \$1.8 million piece of valuable infrastructure at the BOF.

They can expect a life of 8 to 10 years between re-coats, and in theory an extended life of the steel stack indefinitely.

