

Extending Frame Life

Spray-on Coatings



Rubber Lining



Stainless Steel



PROBLEM

There are many areas where the mineral content or pH of processing water has a caustic quality that is very corrosive to steel over a period of time. That corrosive action, coupled with the pounding that screen deck frame members take on a daily basis can significantly shorten the life of the screen deck structural members.

SOLUTION

Spray Coatings - Sprayed-on finishes like primers, epoxys and urethane coatings offer effective yet economical protection in a wide range of applications.

Rubber Lining - By adding a layer of rubber sheeting to deck structural members and sealing all seams with silicon caulk, months or even years can be added to the life of the frame. Each piece of rubber is specially cut to fit a specific area and applied with a permanent adhesive, thereby ensuring a continuous protective lining prior to final painting.

Stainless Steel Construction - This option, while the most expensive per foot, is also the best choice where the quality of the process water and the moisture present in the application itself accelerate the formation of rust and corrosion on commercial-grade steel.

OPTIONS

Spray Coatings - Polydeck can apply several different types of spray coatings, from self-priming mastic epoxy, to a high solids/high build epoxy that requires sandblasting and priming, to urethane coating. Each of these provide some level of increased corrosion/abrasion resistance but at different prices and levels of durability.

Rubber Lining - Rubber sheeting is available in 4 different thicknesses - 1/8", 1/4", 1/2" and 3/4" - depending on the degree of abuse the frame will be subjected to.

Stainless Steel - This option can be used on only parts of the frame, like the ferrule inserts shown above, or on the entire frame for optimal protection.