

## BELZONA REPAIRS PRIVATE RESIDENCE OUTDOOR POOL SKIMMERS

### CUSTOMER

Nova Scotia, Canada

### APPLICATION DATE

June 2018

### APPLICATION SITUATION

Corrosion and erosion of steel backing plate around pool skimmers.

### PROBLEM

The customer was looking to do routine maintenance on the vinyl pool liner. When the liner was peeled back, there was heavy corrosion and metal loss on the steel backing plate around the skimmer housing areas. The customer wanted a Belzona solution to restore/repair the metal loss and prevent water from leaking behind the backing plate and skimmer housings.

### PRODUCTS

Belzona 1161 (Super UW-Metal)

Belzona 9341 (Reinforcement Tape)

Belzona 3121 (MR7)

### SUBSTRATE

Steel, Plastic

### APPLICATION METHOD

6" around the plastic skimmer housing was marked to define the repair areas. These areas were bristle blasted to remove loose paint and rust, and to provide a suitable anchor profile. The repair areas were then cleaned with Methyl Ethyl Keytone (MEK) to remove all contaminants. The repair areas were re-taped 3" around the skimmer housings before beginning the metal repair. Belzona 1161 was then brushed into the steel substrate and plastic skimmer housings. Additional Belzona 1161, wetted into Belzona 9341 Reinforcement Tape, was used to rebuild the metal loss and bridge the void between the steel backing plate and skimmer housings. Once Belzona 1161 was allowed to cure, Belzona 3121 (MR7) was applied over the entire repair areas, as two coats, preventing any future water ingress.

### BELZONA FACTS

The customer was very familiar with Belzona, and the repair capabilities of the products. The customer chose to use Belzona as a repair solution instead of simply replacing the steel backing plates around the skimmers.

### PICTURES

1. Before photo showing extent of corrosion around skimmer housing.
2. Repair area bristle blasted and cleaned.
3. Belzona 1161 used to repair metal loss around skimmer housing
4. Finished application with two coats of Belzona 3121.



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