

# It Looks As Good As New



The Brooklin water tower was repaired using Madison's Corroccote II PW.

This elevated steel water tower in Brooklin, Ontario didn't always look this good. In fact, before Engineered Coatings Ltd. and Madison Chemical got involved, the tower was in very rough shape.

The Regional Municipality of Durham called on ECL to travel to Brooklin to perform a few repairs on the tank. Happy to oblige, ECL loaded a truck with blasting and spraying equipment and headed to Brooklin.

The water tower was found in relatively poor condition. Portions of the steel tank were corroded, and ECL discovered some areas where the tank was leaking due to severe pitting. Lining and coating

the damaged areas of the water tower was going to prove somewhat challenging.

The Municipality's primary concern was stopping the leaks and eliminating the corrosion on the interior surface of the tank. They also wanted assurance that the repairs would last longer than just a few years. ECL set to work using Madison's Corroccote II PW, a durable, long lasting, 100% solids polyurethane coating that is NSF 61 approved for use in potable water tanks.

ECL knew Corroccote II PW could be built up to any desired thickness, and they knew that feature would be important when apply-

ing over any damaged steel surfaces. Applicators started the project by sandblasting the surface to SSPC SP10 specifications. Subsequently, they began to repair the pitting and other surface deterioration using Madison's PW Touch-Up.

Once the initial repairs were complete, ECL spray applied 30 to 40 mils of Corroccote II PW polyurethane to the interior surface of the tank - almost twice the thickness used for most applications. The extra thickness was required to effectively seal and repair some of the more heavily damaged areas inside the tank.

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ECL applicators also coated the exterior surface of the Brooklin water tower, thus restoring its youthful appearance. Thanks to Corroccote II PW and ECL's hard work and expertise, by the end of the project, the tank looked and performed like new.

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