

Epoxy Allows Company to Construct Full Manholes In-House

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Problem: In 2018, the city of Edmonton, Alberta, had several projects to install new manholes and replace old non-repairable manholes.

Solution: The projects were awarded to concrete manufacturer LafargeHolcim. Instead of the labor-intensive process of installing manholes and lining them in the field, they lined manhole rings with one-step 3-gallon kits of Neopoxy LLC NPR-5305 Epoxy at their manufacturing facility. After installation, gaps between rings were filled with the same product.

Result: The company installed 80 manholes using concrete manhole rings lined with NPR-5305 epoxy resin. This approach resulted in less traffic disruption and improved lining quality, and it made the process faster and more efficient, thus reducing construction cost and time.

Link: <https://www.mswmag.com/editorial/2019/01/rehabilitation-and-relining>

