



This factory roof in Ontario, Canada, was experiencing leaks, big and small, through their 40+ year old roof. This is a built up roof or “BUR”, which is tar & gravel on top of insulation laying on corrugated sheet metal. There are over 20 million square feet of roofs at this facility!

The factory had a full-time roofing contractor working steadily for the last decade consuming about \$1,500,000 USD per year, but the size and quantity of leaks got worse every year. The roofing contractor quoted a total roof replacement costing millions of dollars and several years to complete. During that time the factory would lose production and potentially expose expensive equipment to water damage. The factory needed something to happen fast and economically.

ENECON Ontario had previous success at this



factory sealing leaks in tanks and pipes, as well as various flooring applications.

Approximately 110,000 square feet of slightly sloped roof was selected for repair. The initial repair targeted big leaks over critical areas (electrical transformers, production equipment and moisture sensitive inventory).

The gravel layer on the roof was extremely difficult to remove.



Many areas had several inches of dirt and gravel which had to be removed using shovels, sweepers, blowers and vacuum trucks.

Once clean, the roof surface revealed hundreds of holes, cracks, splits and seams. A specialized tape was used for spot patching, followed by 3 – 5 coats of ENESEAL HR. The application was done by brush, roller and sprayer.

Within the first month, the major leaks had been sealed. By the end of the 3rd month, about 98% of the leaks were gone. The roof also contained many pipe racks, fans, heaters, cable trays and other utilities that penetrated the surface. ENESEAL HR was able to seal around these “trouble spots”.

The plant engineers are very pleased with these fast and economical results.

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