

# Aussie Skin 550

## Case Study: M-City, Ontario Canada



### Project Challenges:

This is a massive site in the heart of Mississauga, Ontario CA. Phase I and II were to start waterproofing in December and January. This required a waterproofing system that could be installed during the difficult winter months and not be delayed due to weather exposure or extreme low temperatures.

The project originally specified a system that required torched seams and two layers to maintain warranty requirements. The torched seams created fire risk and the two-layer system added considerable time to the schedule.

### Project Solution:

The team chose to utilize Bothwell Accurate as their installer and AVM industries as the waterproof manufacturer.

AVM industries supplied a complete set of custom, job-specific details in a very short amount of time. In addition, Ellis Don, Bothwell Accurate and AVM visited the jobsite while the hole was being dug to ensure that the substrate met the warranty requirements. The substrate con-

sists of shale rock and in some areas, was unstable. Visiting the site while digging was paramount because it ensured that the 5-story deep basement met AVM's requirements for a successful application. AVM Aussie Skin 550 is a 75 mil thick product, with the substrate being what it was, the membrane was certainly the right choice for such a rough substrate.

Finally, the team chose to use AVM's Aussie Skin 550. This membrane can be heat welded in cold temperatures, is designed to withstand a minimum 2 months UV exposure, and installs fast!

Bothwell Accurate was able to install close to 10,000 sq. ft. a

day with a minimal crew and in extreme cold, wet weather.

Eddie Sousa, Site Supervisor for Bothwell Accurate, commented, "Your material goes up so fast the GC ran out of wall for us in certain areas!"

Raymond Haffar, Assistant Project Manager, stated, "I am so happy we don't have to use torches to seam the sheets together."

In the end the use of Aussie Skin 550 was paramount in not causing any delays to the waterproofing schedule and its unique granule surface allowed the product to be installed in extremely cold weather and kept the project on schedule.



- 5 floors of waterproofing
- Installed in  $-10^{\circ}\text{F}$  ( $-30^{\circ}\text{C}$ )
- Installed During the Wet Winter Months
- The team installed 10,000 sq. ft a day with a crew of 4 people!
- So Successful the product is specified on phase 3