

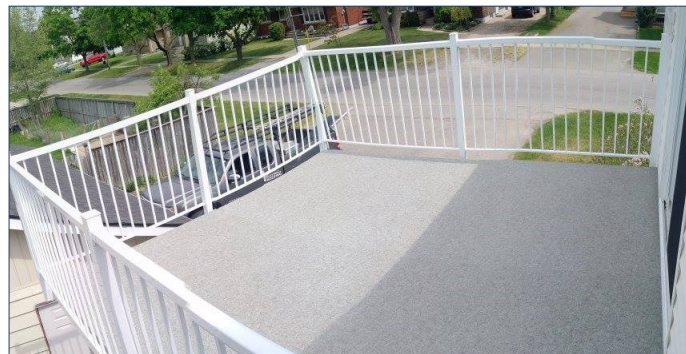
# Case History #182

Project: Leaky Roof Deck Repair, Beamsville, ON

Date: June 2016



NORTH AMERICA'S PREMIER WATERPROOF VINYL FLOORING SYSTEM SINCE 1974.



## The Problem

Since first moving into their home, the homeowners experienced water leaking through to some light fixtures.

When they had the shingles replaced on their primary sloped roof, they inquired about the flat roof over the addition. The existing flat roof exposed surface was carpet! No waterproofing detailing at all. The roofer referred them to Duradek for an attractive single-product waterproofing and walking surface solution—perfect for a deck over living space.

The homeowners also got a quote for 2-ply torch-on, which is not meant to accept pedestrian traffic. With torch-on they would need to add a separate walking deck surface.

They chose Duradek's time tested waterproofing solution to protect their home and contacted **Dykstra Bros Roofing**.

## The Duradek Solution

**Dykstra Bros Roofing** removed the old, failed deck surface and discovered there were 5 repeating layers of carpet, torch-on, and plywood underneath — about 50 years of failed waterproofing history to remove!

Once removing all of the failed roofing products, the installers could see that the leaks were coming from the deck/wall intersection; a common issue when deck waterproofing is not handled by a trained professional familiar with the building envelope.

They installed fresh 3/4" untreated plywood and perimeter drip flashing. Then **Duradek Heritage Aspen** was applied with proper care to waterproofing details where deck meets wall. This included removal of the siding and extending the membrane 6" up the outside wall at the inside perimeter of the deck.

### JOB CONTACT

#### AMA Roofing Supplies

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### APPLICATING CONTRACTOR

#### Dykstra Bros Roofing



### JOB NOTES

After the vinyl installation, their low-maintenance outdoor living space was completed with fascia mounted Duradek aluminum railings for waterproofing integrity and functional style with a single-source warranty.