

CASE STUDY: STORAGE UNIT ROOF

Storage is something most of us would like to have more of. Sheds and other outbuildings are fantastic if you have land to place them on. But, for the rest of us, there is the storage industry. With nearly 50,000 facilities in the US alone, it is no wonder nearly 11% of Americans rent space in them. Averaging almost 60,000 square feet per facility, they represent well over 1 billion square feet of roof.

PROBLEM

This facility in beautiful St. John, New Brunswick is home to hundreds of individual units. With nearly 100 inches of annual snowfall and an additional 55 inches of rain, even small leaks get lots of water. With hundreds of units and countless fortunes being stored below, the owners are very aware that leak damage can be detrimental.



SOLUTION

Castagra's Ecodur Roof Coating is the ultimate all-weather solution. It is completely waterproof and capable of enduring ponding water and standing ice. It is extremely puncture and abrasion resistant making it ideal for preventing damage from sharp ice. It is also extremely UV resistant so it will not deteriorate during the summer months.



APPLICATION RESULTS

Using a power broom and blower, the contractor thoroughly cleaned the roof deck, paying extra attention to cleaning the drains and penetrations. Using a squeegee and rollers they applied Castagra's Ecodur Roof Coating to a uniform 30 mils. With rain coming the first evening of application, the most leak prone section in the middle was targeted first. It did rain that night, but the coating was unaffected as Castagra's Ecodur is waterproof immediately upon installation. As soon as the roof was dry again, the other sections were tied in. Because Ecodur has an infinite recoat window, the newly applied Ecodur readily bonded with the existing coating.

By targeting the worst sections first, the contractor was able to prevent further damage from the coming storm. After the storm, the roof was completely coated creating a permanent water barrier that will keep the stored items safe for decades to come.

Curious about the color shifting in the photos? Click [here](#) to learn more.