

**Project**

Brix Apartment Lofts

**Location**

Milwaukee, Wisconsin

**Waterproofing Contractor**

FlexTech Roofing

**General Contractor**

J.H. Findorff &amp; Son, Inc.

**Architect**

Kubala Washatko

**System**

100 mil TritoFlex 2K membrane

**Project Size**

6,500 square feet

**Completion**

July 2015

The hybrid roof deck over the public parking garage at Brix Apartment Lofts in Milwaukee includes an extensive and semi-intensive green roof, as well as 6,000 sq. ft. of blue roof system.

The blue roof component increased stormwater retention to 7,710 gallons, passing beneath the green roof substrate. Considering a blue roof will hold standing water for long periods of time, an impermeable waterproofing membrane was required in the design phase. The architect specified the TritoFlex 2K liquid rubber membrane to provide a highly flexible, durable membrane that will hold ponding water indefinitely, withstand harsh Wisconsin winters, and that is water-based with no VOC's. Flexible, durable, and safe.

The TritoFlex 2K rubber membrane was spray-applied to 100 mils dry (2.5 mm) in just one coat directly to the structural concrete deck on the parking garage. Besides the green roof space and blue roof components, there was over 2,000 square feet of pedestal pavers installed to create a unique amenity for residents of the apartments and the public.

