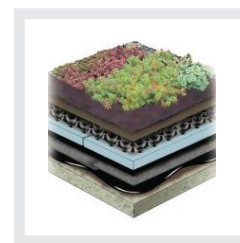


GREEN ROOF

The Chicago Blackhawks Community Training Center is set to open this November to coincide with the 2017-2018 NHL hockey season and serve as a landmark for attending fans.



Project: **Chicago Blackhawks Community Training Center**
 Location: **Chicago**
 Architect: **HOK Architects**

FULL OF SEDUM

The Extensive Garden Roof Assembly was planted with InstaGreen Sedum Carpet, which contains nine to 15 different species of Sedum. Sedum is a succulent plant that is able to store water in its leaves and grows well under diverse conditions.

PRODUCT SPECS:

Products: Extensive Garden Roof Assembly

American Hydrotech
www.hydrotechusa.com
 Circle 361



Blackhawks' Green

Architects and planners mandated the Chicago Blackhawks Community Training Center meet or exceed all green and sustainable standards for the city, which included the construction of a 24,000-sq.-ft. green roof.

CHALLENGE: Chicago is one of the nation's largest cities, boasting a vibrant culture, vast greenscapes, a bustling lakefront and a beach. In addition to the beautiful backdrop, the city is known for its architecture and, of course, deep rooted fans and legendary sports teams. The Chicago Blackhawks have grabbed the hearts of many fans young and old for years, bringing home three Stanley Cups in the last eight years to underscore their dynasty and pay tribute to their fans.

Hockey culture and the Blackhawks are truly an extension of the Chicago community, as evidenced by the construction of the team's new state-of-the-art 125,000-sq.-ft. training facility. This facility will

not only deliver amenities and house two full-size rinks for the team's use, but also promote year-round hockey development programs and serve as recreational and event space for the Chicago community.

CRITERIA: HOK Architects mandated this facility meet or exceed all green and sustainable standards for the city, which included the construction of a 24,000-sq.-ft. green roof.

SOLUTION: Plans called for an **American Hydrotech** Extensive Garden Roof Assembly to be placed on top of the building's metal roof deck. Hydrotech worked with the designers to select roof components and plant material that were optimized for

both Chicago's climate conditions and structural limitations. The Extensive Garden Roof Assembly was planted with InstaGreen Sedum Carpet, which contains nine to 15 different species of Sedum. Sedum is a succulent plant that is able to store water in its leaves and grows well under diverse conditions. The sedum carpet provides almost 95% coverage at the time of installation, which is not only aesthetically pleasing, but also reduces initial maintenance requirements. In addition to reducing the urban heat island effect, and purifying the air, the Extensive Garden Roof Assembly is able to capture more than 1.5-in. of water on the roof, which plays a major role in stormwater management.