

U.S. BANK STADIUM - HOME OF THE MINNESOTA VIKINGS

Act Global successfully installed their premiere synthetic turf at U.S. Bank Stadium.

Executive Summary:

When U.S. Bank Stadium decided they wanted to replace their turf in 2019, they turned to Act Global due to their dedication to player safety and performance.

The Problem:

U.S. Bank Stadium is an enclosed stadium in Minneapolis, Minnesota, United States. Built on the former site of the Hubert H. Humphrey Metrodome, the indoor stadium opened in 2016 and is the home of the Minnesota Vikings. The venue also modifies the facility for University of Minnesota baseball games, concerts, monster truck rallies and many other events throughout the year. The Minnesota Vikings have millions of dollars invested in their players and they need a surface that will keep them safe while allowing them to perform at the highest level. In 2019, US Bank Stadium was ready for a new turf surface and they were looking for a manufacturer that takes player safety and performance seriously.

The Solution:

Act Global's science and technical approach to producing a synthetic turf surface includes balancing the three most important components: shock absorption, vertical deformation and rotational resistance. US Bank Stadium chose Act Global's Speed S5 system that has a high face weight and triple layer backing. It's designed to endure the toughest playing conditions and provide a playing experienced that is bench marked to a pristine natural grass field. Players can comfortably sprint, turn, cut and tackle without unnecessary strain on their lower extremities.



After the successful installation, shock absorption testing confirmed that the field had one of the safest Head Injury Criterion (HIC) score in the NFL. The Minnesota Vikings had an outstanding season in 2019 with a record of 10-6 and making it to the Divisional Playoffs against the 49ers. The system was designed to be modified into a baseball field to let the University of Minnesota baseball team also play on the premier field.