

TCF BANK STADIUM WARMLY WELCOMES MINNESOTA VIKINGS WITH AQUATHERM PIPING SYSTEM



PROJECT:

TCF Bank Stadium/Radiant Field Heating

PRODUCTS:

aquatherm blue pipe®
coiled aquatherm blue pipe®

LOCATION/DATE:

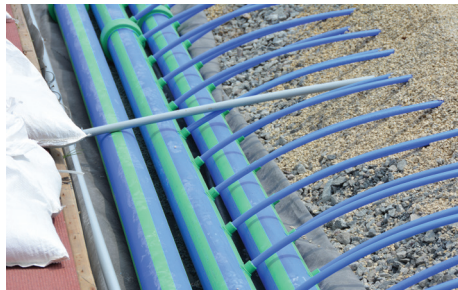
Minneapolis / Spring 2014

THE CHALLENGE

Finding a single pipe material to provide 38 miles worth of ultra-reliable radiant heating to the stadium's new playing surface

THE SOLUTION

Aquatherm Blue Pipe® was able to handle higher operating temperatures than most other thermoplastic systems and the entire system was leak-free, while offering a 10-year multimillion dollar warranty



The supply and return lines along the edge of the field, with the fusion outlet-connected coil tubing covered by sand.



Fox Sports reporter Jennifer Hale showed a cutaway of Aquatherm pipe when explaining how well the field heating system was performing during the Vikings-Panthers game in November 2014.

"As we took a closer look, we began to see that this product [Aquatherm] could meet and even exceed some of the interesting challenges of this project."

— Brian Storm, President and CEO, Fields Inc., Canton, GA

AQUATHERM ADVANTAGES

- Using heat-fused Aquatherm eliminated the need for roughly 4,000 mechanical joints, most of which would be buried beneath the playing field
- Designers liked that the entire field heating system, which included several hundred sections of pipe and thousands of fittings and manifolds would be seamless
- Aquatherm handled the required higher-than-normal temperatures necessitated by the aggregate substrate beneath the synthetic turf field



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