

Intumescent Fireblocking

Oakland Hills Country Clubhouse



FF102 Fire Block



Bloomfield Hills, MI



2024 to date

THE CHALLENGE



2024- With over a hundred years' worth of PGA tournaments and US opens, Oakland Hills Country Clubhouse serves as a living museum of U.S. golf history.

Unfortunately, in February 2022, a fire broke out in the century-old clubhouse. Consumed by flames and smoke, a majority of 90,000 sq. ft., C. Howard Crane-designed clubhouse was destroyed.

During the design phase of this reconstruction project, the Heritage Committee of Oakland Hills collectively decided to capture the original design of the historic clubhouse. To meet these demands, the project team specified an exterior timber wall covering assembly.

While reviewing its design details, the project team discovered that their cladding assembly triggered Section 718.2.6 of the IBC.

OUR SOLUTION



Designed to meet stringent fireblocking requirements, Neumann/Smith specified **Tenmat's FF102/50 Intumescent Fire Block** throughout the exterior wall assembly. To meet IBC requirements, the **FF102/50 Intumescent Fire Blocks** were assembled into 100 sq.ft. compartments throughout the exterior wood cladding assembly.

By finding the balance between compliance and design, the Oakland Hills Clubhouse was able to be restored to its former glory by Spring 2026.

