INTUMESCENT STEEL PROTECTION

Architectural fire protection for exposed structural steel in interior and exterior applications

Modern design practice has increasingly incorporated architecturally exposed structural steel, or AESS. Originally used by structural engineers as a highly elaborate exoskeleton, AESS has evolved into an outlet for both engineers and architects to integrate components of their work into the visibly finished structure. If these exposed design elements are also part of the primary structural components of the building, the integrity of the structural steel must be protected with an intumescent fire protection coating.

Hilti's Intumescent Steel Protection portfolio has expanded to now offer solutions for both water-based and solvent-based fire proofing. Also known as IFRM, these products are optimized for architecturally exposed structural steel in interior and exterior applications with approved top coats.

Tested for a wide range of beams and columns for multiple hourly ratings

Hilti Fire Finish CFP-SP WB 120+ and the **NEW** CFP-SP AWHB offer key aesthetics and productivity gains to the contractor and installer.

Water Based IFRM



CFP-SP WB 120+

Apply up to 65 mils wet per pass

Glass fiber-free formulation

Premium aesthetics

Fire Finish 120+ Technical Documents

Solvent-based IFRM



CFP-SP AWHB

Up to 160 mils per coat (dries in 24 hours) - **MAX** 350 mils per coat if dry time is not a concern

Can get wet 1 hour after product is applied

UL approved exterior exposure without a topcoat

Apply in a wide range of temperature and humidity conditions

CFP-SP AWHB Technical Documents