

Fire finish 60+ CFP-SP WB

Product description

Water based Intumescent fire protection coating to protect load bearing steel structures against the effects of exposure to fire in interior and exterior environments (only with UL approved topcoat).

Product features

- Optimized dry film thickness (DFT) to reduce costs.
- Up to 50 mils WFT per coat application.
- Water-based, solvent free (including coalescent solvents) and low VOC leads to lower environmental impact.
- Fast drying time and high-volume solids allow for higher job productivity.
- Plasticizer free formulation allows for higher coating damage resistance than other waterborne intumescent coatings.

Areas of application

- Wide flange, tube and pipe steel columns
- Restrained and unrestrained beams

Primer

- A complete listing of tested and approved primers can be obtained at www.hilti.com (U.S.) or www.hilti.ca (Canada)

Topcoats

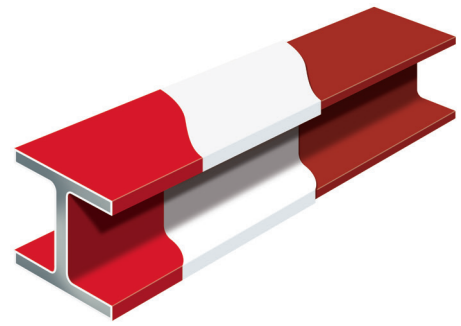
- For interior application a topcoat may be applied for decorative purposes.
- For exterior applications, only UL approved topcoats must be utilized as soon as possible, after fully drying. See Application Guide for Fire Finish 120+/Fire Finish 60+ CFP-SP-WB.
- A complete list of tested and approved top coats can be obtained at www.hilti.com (U.S.) or www.hilti.ca (Canada).

Installation instructions

- See Hilti literature or third-party listings for complete application and installation details

Technical data

Packaging	Pail
Volume Content	5 Gallons / 19 Liters
Weight	53.5 lbs / 24.2 kg
Density	10.7 lb/gal / 1.28 kg/L
Color	White
Coating type	Waterborne physically drying coating
UL Test Design (UL 263 / ASTM E119)	Up to 2 hours fire rating
Surface Burning Characteristics (ASTM E84)	Flame Spread: 0 / Smoke development: 5
Surface Burning Characteristics (CAN S102)	Flame Spread: 0 / Smoke development: 10
Solids by volume (ISO 3233)	67% +/-3%
Solids by weight (ISO 3251)	76% +/-3%
Recommended Storage Temperature	41 to 95°F / 5°C to 35°C
Recommended Application Temperature	50 °F to 95 °F / 10°C to 35°C with <85% RH
Service temperature	32 to 158°F / 0°C to 70°C
Adhesion (ASTM D4541)	Field value min. 350 psi / Nominal: 750 psi
Shore D hardness (ASTM D2240)	Field value min. 50 / Nominal: 64
Abrasion Resistance (ASTM D4060)	83mg /1000 cycles
Shelf Life	12 months
LEED 4.1. VOC content	4 g/L
Impact Resistance (ASTM D2794)	164.8 in-lb / 18.6 J
Approvals	UL 263, ULC-S101, ULC-S102



UL Listings

N664	Restrained and restrained beams
Y675	Hollow columns
Y676	Wide Flange columns

	MASTIC AND INTUMESCENT COATING FIRE RESISTANCE CLASSIFICATION. SEE UL FIRE RESISTANCE DIRECTORY R26677
--	---



Hilti Firestop
Saving lives
through innovation
and education