

# Fire Finish 120+ CFP-SP WB

## Product description

- Water based Intumescent fire protection coating to help protect load bearing steel structures against the effects of exposure to fire in interior and exterior environments (with approved top coat).

## Product features

- Tested to UL 263 (ASTM E119) for up to 4hr fire ratings.
- Up to 65 mils WFT per coat application due to its optimized thixotropic nature.
- Water-based, low VOC product leads to quicker and easier cleanups, and lower environmental impact.
- Reduced drying time permits additional coats to be applied quicker.
- Glass fiber free product leads to better applied aesthetics.

## Areas of application

- Wide flange steel columns
- Hollow steel sections
- Restrained and unrestrained beams
- Restrained and unrestrained beams as part of a concrete or steel floor unit assembly

## Primer

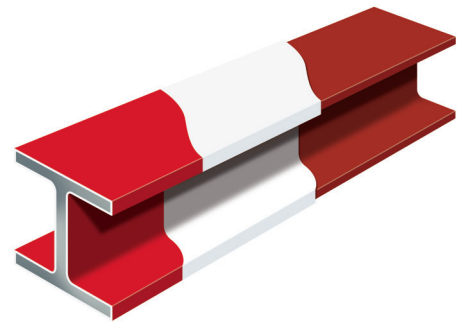
- A complete listing of tested and approved primers can be obtained at [www.hilti.com](http://www.hilti.com) (U.S.) or [www.hilti.ca](http://www.hilti.ca) (Canada)

## Top coats

- For interior application a top coat may be applied for decorative purposes.
- For exterior applications, an approved top coat must be utilized as soon as possible, after curing. See Application Guide for Fire Finish 120+ CFP-SP-WB.
- A complete list of tested and approved top coats can be obtained at [www.hilti.com](http://www.hilti.com) (U.S.) or [www.hilti.ca](http://www.hilti.ca) (Canada).

## Installation instructions

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



## Technical data

<b>Packaging</b>	Pail
<b>Volume Content</b>	5 Gallons / 19 Liters
<b>Weight</b>	55.1 lbs / 25 kg
<b>Density</b>	11.1 lb/gal / 1.33 kg/L
<b>Chemical basis</b>	Water-based polymer dispersion
<b>Consistency</b>	Sprayable liquid
<b>Color</b>	White
<b>UL Test Design (UL 263 / ASTM E119)</b>	Up to 4 hours fire rating
<b>Surface burning characteristics (ASTM E84)</b>	Flame Spread: 0 Smoke development: 45
<b>Solids by volume (ISO 3233)</b>	60% +/-3%
<b>Solids by weight (ISO 3251)</b>	70% +/-3%
<b>Recommended storage temperature</b>	41 to 86°F (5°C to 30°C)
<b>Recommended application temperature</b>	50 °F to 95 °F (10°C to 35°C) with <80% rh
<b>Temperature Resistance</b>	41 to 158°F (5°C to 70°C)
<b>Adhesion (ASTM D4541)</b>	507 psi (35.64 kg/cm²)
<b>Shore D Hardness (ASTM D2240)</b>	67
<b>Abrasion resistance (ASTM D4060)</b>	0.140g/1000 cycles
<b>Shelf life from date of manufacture</b>	12 months
<b>LEED VOC</b>	< 20g/L
<b>Impact resistance (ASTM D2794)</b>	93 in-lb
<b>Approvals</b>	UL 263 / ULC-S101 / ULC-S102

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

Wide flange steel columns	BXUV.Y633
Hollow section columns	BXUV.Y634
Restrained and unrestrained beams	BXUV.N640
Beams of a concrete or steel floor unit assembly	BXUV.D990
Restrained and unrestrained deck assembly	BXUV.D606