

ALL WEATHER HIGH BUILD CFP-SP AWHB

Product description

- 2-component intumescent steel fire proofing product to protect load bearing steel structures in interior and exterior environments against the effects of fire. Can be sprayed through traditional single-leg sprayers.

Product features

- Tested to UL 263 (ASTM E119 /CAN ULC-S101) for up to 3.5 hr fire ratings
- Application possible in a wide range of temperature and humidity conditions
- Can be sprayed through traditional single-leg sprayers
- Resistant to rain and weather within 1 hour of spraying
- Ability to build up very high mil thicknesses (> 160 mils WFT per coat) means great productivity

Areas of application

- Wide flange steel columns
- Hollow steel sections
- Restrained and unrestrained beams

Primer

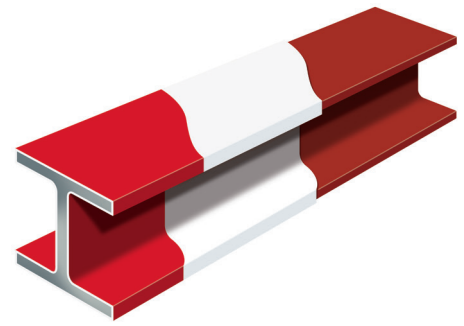
- A complete listing of tested and approved primers can be obtained at www.hilti.com (U.S.) or www.hilti.ca (Canada)

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 All Weather High Build
- 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 and third-party listings for complete application and installation details
- The maximum thickness allowed to be applied should be consulted with manufacturer prior to application



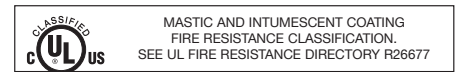
Part A



Part B

Technical Data

	AWHB Part A	AWHB Part B
Packaging	Pail	Small Metal Container
Volume Content	3.89 Gallons / 14.8 Litres	0.71 Gallons / 2.7 Litres
Weight	49.1 lbs / 22.3 kg	5.92 lbs / 2.69 kg
Denisty	12.6 lbs/gal / 1.51 kg/l	8.3 lbs/gal / 0.99 kg/l
Color	White	Translucent Black
Chemical Basis	Solvent Based Hybrid Technology	
Consistency	Sprayable Liquid	
UL Test Design (UL 263 / ASTM E119)	Up to 3.5 hour fire rating	
Surface Burning Characteristics (ASTM E84 / CAN/ULC S102)	Flame Spread: 0 / 0	
Surface Burning Characteristics (ASTM E84 / CAN/ULC S102)	Smoke Development: 0 / 10	
Solids by volume (ISO 3233)	85% +/- 3%	
Solids by weight (ISO 3251)	90% +/-3%	
Recommended Storage Temperature	32° F to 95° F / 0° C to 35° C	
Recommended Application Temperature	See Application Guide for details	
Pot Life	1 hour @ 74°F (23°C) and 50% RH See Application Guide for complete details	
Temperature Resistance	-76° F to 374°F / -60° C to 190° C	
Adhesion (ASTM D4541)	280 psi	
Shore D hardness	20	
Abrasion Resistance (ASTM D4060)	0.255 g/1000 cycles	
Shelf Life	12 months	
LEED VOC	143 g/L	
Impact Resistance (ASTM D2794)	15.9 in-lb	
Approvals	UL 263 (ASTM E119) CAN ULC-S101	



UL Listings

Restrained and Unrestrained Beams	BXUV.N655
Wide Flange Steel Columns	BXUV.Y656
Hollow Section Steel Columns	BXUV.Y657