

CP310 FR Acrylic Intumescent Caulk



product description

Abesco CP310 is a one-part water based acrylic Intumescent caulk which expands and forms an insulating char when exposed to fire or extreme heat.

CP310 FR Acrylic Intumescent Caulk is easy to use and has excellent adhesion properties when used with most common building materials. It can be installed using a standard caulking gun (standard cartridge, 20 oz sausage, or bulk filled), pneumatic pumping equipment, or easily applied using a knife or trowel.

CP310 does not contain any solvents, PCB's or asbestos and is Halogen-free formula, making it safe to use and environmentally friendly. No mixing is required.

- Water based, cleaning up is easy using just water, with no special handling requirements
- Normal trash disposal
- Intumescent – expands in a fire to seal around services
- Thixotropic: resists running or sagging in overhead or vertical applications
- Easy installation – saves labor cost
- Halogen Free
- Paintable when dry (after inspection)
- UL Classified – complies with Building Codes

testing and performance data

Tested in accordance with ASTM E814, UL1479

UL classified 1 and 2 hour rating



FILL VOID OR CAVITY
MATERIALS FOR USE IN
THROUGH PENETRATION
FIRESTOP SYSTEMS SEE UL
DIRECTORY OF PRODUCTS
CERTIFIED FOR CANADA AND UL
FIRE RESISTANCE DIRECTORY
86JY

Also tested to BS476 (British Standard), E-84,
EN1366 (European), AS1530 (Australia and New Zealand)



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physical properties

Physical State:	Paste
Color:	Reddish Brown
Flash Point:	>100°C (212°F)
Specific Gravity:	1.62 - 1.66 @ 20°C (68°F)
Solubility in water:	Miscible when wet
Skim time @ 20°C (68°F):	15min (dep. on heat / humidity)
pH:	8.4 - 9.2
Flame Spread:	0
Smoke Developed:	5
Viscosity:	2 to 3 million cps
VOC % by weight:	3.7 g/ltr (.03 lb/gal.)
Odor:	Non-irritating
Expansion:	> 4x starting at 125°C (257°F)
Durometer (hardness):	Shore A 25-30
Solid (% by weight):	82.4 +/- 0.5
Movement:	+ / - 15%

Specifications

Abesco CP310 FR Acrylic Intumescent Caulk is very easy to install with only basic hand tools.

1. Areas to be sealed must be clean and free from all oil, grease, loose materials, rust or any other contamination.
2. Check that any annular space between the through penetration and the opening is within the limits defined by the tested constructions.
3. Some installations require mineral wool forming as an integral element in the approved system. When mineral wool is required, cut oversize and pack tightly into space between the opening and the service, ensuring that the forming is positioned to allow for correct depth of CP310 fill material to be installed (dependent on system design)
4. Using a suitable standard or bulk loading caulking gun, or by hand trowelling, ensure that the CP310 is worked into all areas to prevent voids, air bubbles, gaps or seams. Pay particular attention when sealing bundles of cables.
5. When sufficient depth of CP310 has been applied, the surface can be smoothed using a damp knife or spatula to leave a neat sealed finish.
6. Please always consult the current UL Fire Resistance Directory for details of tested constructions before install.

ordering information

Code	Description
30310	CP310 FR Acrylic Intumescent Caulk (Red) 10.5 oz Cartridge
30320	CP310 FR Acrylic Intumescent Caulk (Red) 20 oz Sausage
30334	CP310 FR Acrylic Intumescent Caulk (Red) 2.5 gal Pail
30336	CP310 FR Acrylic Intumescent Caulk (Red) 5 gal Pail
30350	CP310 FR Acrylic Intumescent Caulk (White) 10.5 oz Cartridge



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