

What is the difference between firestop and fireblock?

The terms firestop and fireblock are very similar sounding, but there are critical differences between these two practices. Here are the major differences:

firestop:

- Is required at locations where fire-rated assemblies (floors, floor/ceilings or walls) are penetrated
- Tested using either ASTM E814 or UL 1479
- Has a specific hourly fire-resistance rating
- Individual tested firestop systems appear within the UL Online Certifications Directory (also within other third party testing laboratory directories)
- The International Building Code (IBC) requires firestops as described in Section 714 "Penetrations" (2018, 2015 and 2012 Editions)

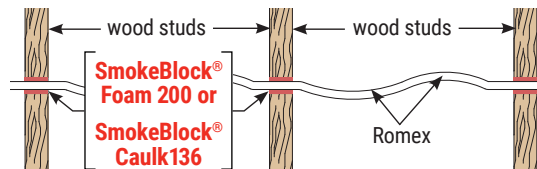
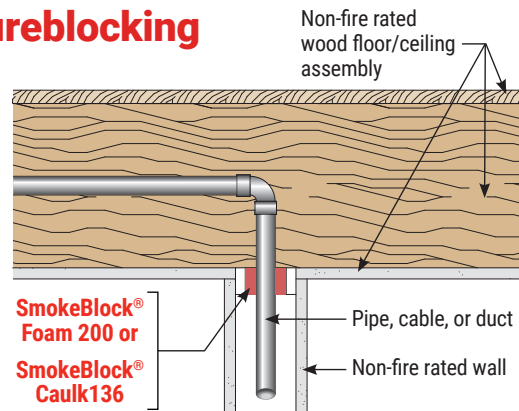
fireblocks:

- Are required at locations where concealed spaces must be blocked to resist the passage of flames and hot gases
- Tested using ASTM E136 or acceptable to AHJ
- Do not have specific hourly fire-resistance rating
- There are no individual designs for fireblocks contained within third party testing laboratory directories
- The International Building Code (IBC) requires fireblocks as described in Section 718 "Concealed Spaces" (2018, 2015 and 2012 Editions)
- The International Residential Code (IRC) requires fireblocks as described in Section R302 "Fire-Resistant Construction" (2018, 2015, and 2012 Editions)

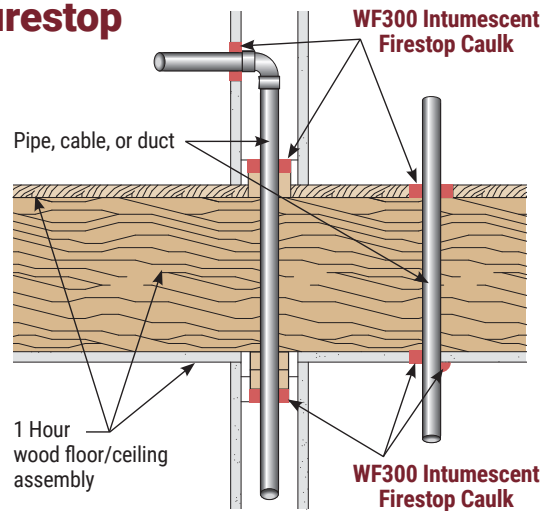
Scan here to find out more:



fireblocking



firestop



Formulated to Perform.

WOOD FRAME PRODUCTS



 Specified
STI Technologies Inc.
FIRESTOP



ZSTI3501-26521

 Specified
STI Technologies Inc.
FIRESTOP



SmokeBlock® Fireblock & Draftstop Caulk

SmokeBlock® Caulk is a non-combustible gun grade sealer for fireblocking and draft stopping in wood frame walls and floors. **SmokeBlock®** is designed for filling annular spaces around penetrants and along seams throughout the building envelope and is suitable for use in one or two family dwellings. Not suitable for use in fire-rated construction.

Features & Benefits

- Water-based for easy clean-up
- No shaking or mixing required
- Adheres to wood and masonry
- Meets ASTM E136



Ordering Information

UPC# 730573	ITEM NO.	Description	UNIT PKG.	CASE QTY (min)	UNIT OF MEASURE
01160	SB100	SmokeBlock® Caulk	1 Tube	12 Tubes	10.1 oz Tube



SmokeBlock® Fireblocking Foam

SmokeBlock® Fireblocking Foam installs in seconds filling voids and annular spaces around penetrants preventing the spread of smoke and toxic gasses. **SmokeBlock®** Fireblocking Foam can be applied in both vertical and horizontal applications and is suitable to use in one and two family dwellings. Not suitable for use in fire-rated construction.

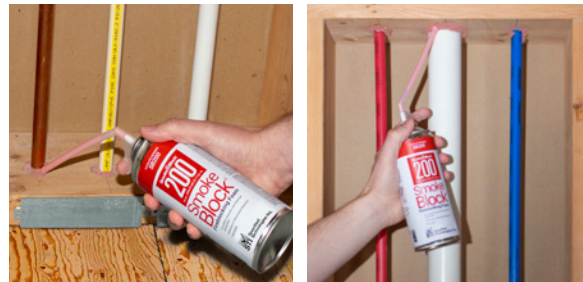
Features & Benefits

- Meets Fireblock/Draftstop requirements of IBC Section 718 & IRC Section R302.11
- Adheres to wood and masonry
- Dispensable at any angle
- Paintable



Ordering Information

UPC# 730573	ITEM NO.	Description	UNIT PKG.	CASE QTY (min)	PACKAGING
01161	SB200	SmokeBlock® Fireblocking Foam	1 can	1	12 oz can



WF Intumescent Firestop Caulk

WF Intumescent Firestop Caulk installs is designed for use in sealing through-penetrations and gaps in wood frame construction.

Features & Benefits

- Water-based for easy clean-up
- Intumescent—expansion fills gaps or voids caused by wood shrinkage, or burning or melting of combustible materials
- Auto-bonding
- Excellent smoke seal
- Sandable/paintable (when dry)
- Water-resistant—will not re-emulsify when dry



Ordering Information

UPC# 730573	ITEM NO.	Description	UNIT PKG.	CASE QTY (min)	WEIGHT
9710	WF310	10.1 oz. Tube (18.2 cu. in., 300 ml)	1	12	0.94 lbs (0.42 kg)
9705	WF305	5 gal. Pail (1,155 cu. in., 19.0 L)	1	n/a	58 lbs (26.3 kg)
9720	WF320	20 oz. Sausage (36 cu. in., 592 ml)	1	12	1.59 lbs (0.72 kg)

