

FIRESTOP SHRINKAGE

Hilti Firestop shrinkage data.

Wet application and cured thickness.

Product	Approx. shrinkage % (per ASTM C1794)	Wet applied (per UL system)	Approximate cured thickness
High performance intumescent firestop sealant FS-ONE MAX	29%	1/4"	3/16"
		3/8"	9/32"
		1/2"	11/32"
		5/8"	15/32"
		1"	23/32"
Flexible firestop sealant CP 606	22%	1/4"	7/32"
		3/8"	5/16"
		1/2"	13/32"
		5/8"	1/2"
		1"	25/32"
Firestop joint spray CFS-SP WB	40%	1/8"	3/32"

Silicone based product	Approx. shrinkage %	Wet applied (per UL system)	Approximate cured thickness
Firestop silicone sealant CFS-S SIL GG	5%	1/4"	1/4"
		3/8"	3/8"
		1/2"	1/2"
		5/8"	19/32"
		1"	31/32"
Firestop silicone sealant self-leveling CFS-S SIL SL	5%	1-1/4"	1-3/16"
		1/4"	1/4"
		3/8"	3/8"
		1/2"	1/2"
		5/8"	19/32"
Firestop silicone sealant CFS-SP SIL	5%	1"	31/32"
		1-1/4"	1-3/16"
Firestop silicone sealant CFS-SP SIL	5%	2 mm	1.9 mm

ASTM C1249 is the standard test method for volume shrinkage of latex sealants during cure.

Cured thickness calculated mathematically, and is intended as a guide only — rounding errors and variations in shrinkage are expected. Refer to UL listings for system application requirements.

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