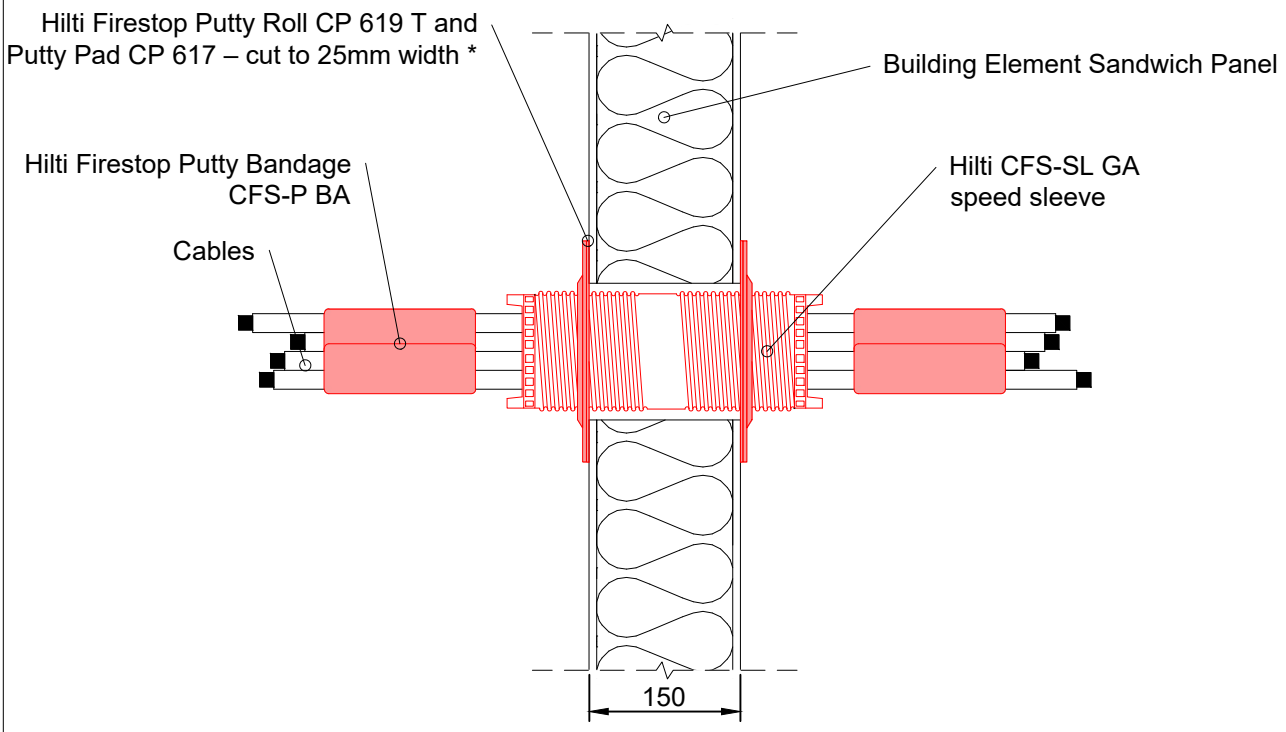
	APPLICATION:	ID:	
	Cables Through Sandwich Panel	**SL-GA: SP-SWP-E-01**	
INFORMATION: **- Not to scale** **- All units are in millimetres** **- Tested according EN 1366-3** **- Approval ETA - 20-1234**	**CFS-SL GA, CFS-P BA and CP 619**	REV: **01**	DATE: **03/2025**
	Fire Rating EI 120	**Page 2/2**	



Device	Opening Ø
CFS-SL GA M/L	113 - 122 mm

Description	**Sandwich Panel** (150mm Thickess)	
	200mm dist between Flanges	
	CFS-SL GA S	CFS-SL GA M/L
For higher Fire Classifications - follow Seal Type 1b (Putty) installation:		
[4] 100% filled device with cables ≤ 21 mm (CFS-SL GA M/L)	-	EI 120

(*) Section – CFS-SL GA M/L with CP 619 T or CP 617 behind flanges and CFS-P BA around Cables - in 150mm Sandwich Panel

Higher Fire Classifications for CFS-SL GA M/L in 150mm thick Sandwich Panels: Hilti Firestop Putty is pressed around opening - CP 619 T or CP 617 (cut to 25mm width) before installing rubber gasket, and CFS-P BA used to wrap first 100mm of cables as they project from tabs of sleeve.

In all cases, putty is installed in 2 layers with minimum 5mm overlap. (See Seal Type 1b for installation)

1. The application limits on this detail are for guidance purposes only. For more detailed information based on the full range of available test results please contact the Hilti Technical Advisory Service.
2. The product and application has been assessed as a minimum to the BS 476 standard. It may have additional European and worldwide testing. Please contact Hilti for further information.
3. All installations should be carried out in accordance with Hilti's installation instructions and by competent & experienced installers using Hilti branded products.
4. All services are to be correctly and adequately supported to prevent collapse and distortion.