



Firestop Product Application Guide

Feb-22

| Application | | | Hilti Firestop Product | | | | | | | | | | | |
|-------------------------|------------------------------|---------------------------------|------------------------|-----------------|--------|--------|----------|--------|-----------|--------|--------|-------|----------|---------|
| Type | Application | Joint / Penetration Limitations | CFS-TTS E | CP606 CFS-S ACR | CFS-SP | CFS-IS | CFS-F FX | CFS-CC | CFS-SL GA | CFS-PL | CFS-BL | CFS-B | CP 648-E | CFS-C P |
| Construction Joints | Top of wall joint | Max deflection 20mm | ✓ | | | | | | | | | | | |
| | Small Expansion Joints | Max Width 30mm | | ✓ | | | | | | | | | | |
| | Curtain Wall Joints | Max Width 150mm | | | ✓ | | | | | | | | | |
| Electrical Penetrations | Single Cables | Ø ≤ 16mm | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ |
| | Small Cable Bundles | Ø ≤ 20mm | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ |
| | Large Cable Bundles | Ø ≤ 86mm | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| | Single Conduits | 16mm ≤ Ø ≤ 32mm | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ |
| | Single Conduits | Bundled, Ø ≤ 80mm | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| | Cable Trays | Max Opening 400mm x 400mm | | | | | ✓ | | | | ✓ | | | |
| | Cable Trays | Max Opening 1000mm x 1000mm | | | | | | | | | ✓ | | | |
| Plumbing Penetrations | Water & Gas Supply Pipes | 16mm ≤ Ø ≤ 32mm | | | | ✓ | | | | | ✓ | ✓ | | ✓ |
| | Flammable Pipes | 32mm ≤ Ø ≤ 150mm | | | | | | | | | | | ✓ | ✓ |
| | Flammable Pipes | 32mm ≤ Ø ≤ 250mm | | | | | | | | | | | | ✓ |
| | Insulated Flammable Pipes | 26mm ≤ Ø ≤ 60mm | | | | | | | | | | ✓ | | ✓ |
| | Metal Pipes | 15mm ≤ Ø ≤ 150mm | | ✓ | | | | | | | | | | |
| | Insulated Metal Pipes | 15mm ≤ Ø ≤ 150mm | | | | | | | | | ✓ | ✓ | | |
| Mixed Penetrations | Electrical Cables & Conduits | Max Opening 400mm x 400mm | | | | | ✓ | | | | ✓ | | | |
| | Electrical Cables & Conduits | Max Opening 1000mm x 1000mm | | | | | | | | | ✓ | | | |

Approved for use in single layer 13mm plasterboard applications without patching.

* Single layer 13mm plasterboard approvals for 16, 20 & 25mm dia. rigid conduits only.

Note: This document is a guide only. Contact your local Hilti representative on 0800 444 584 for the full range of up to date third party approvals and related FRR or visit www.hilti.co.nz