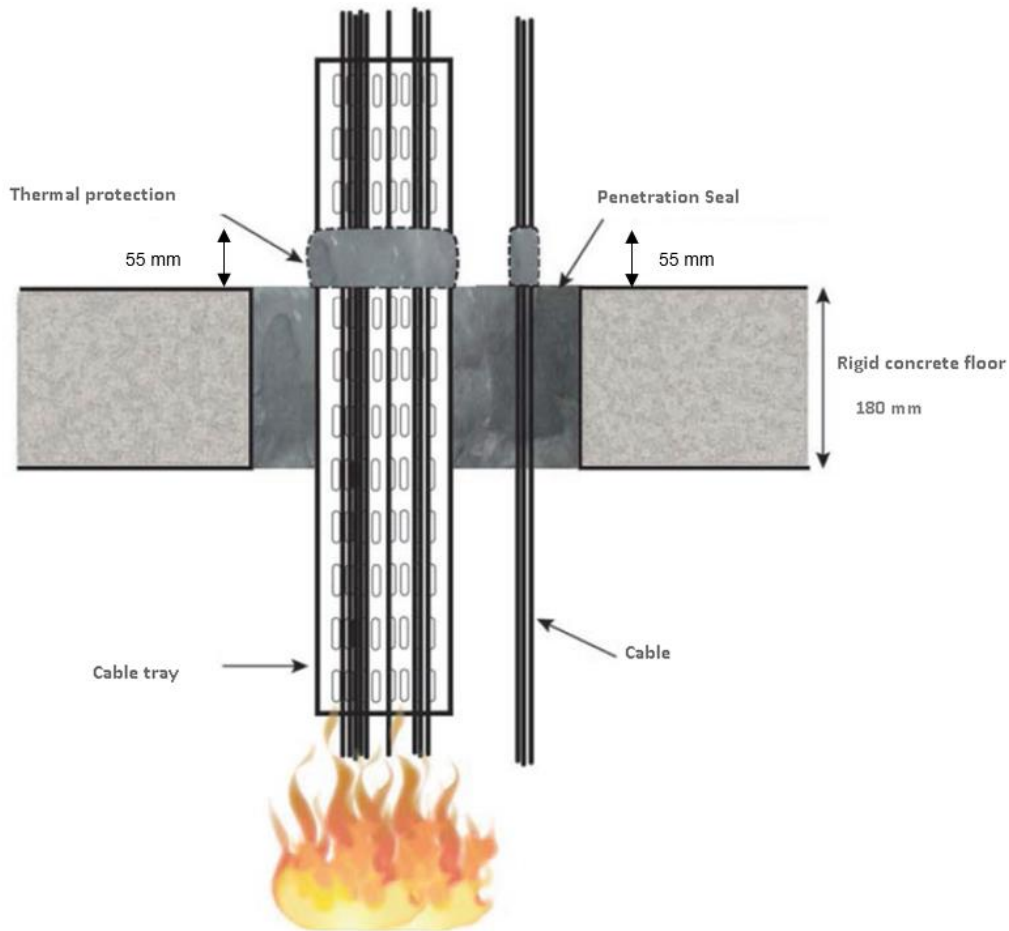


Annex B2: Resistance to fire classification

Penetration seal: Electrical cables fitted within rigid floor with a minimum thickness of 180 mm, sealed with EasyPART fire stopping foam and thermal protection



Services	Classification	Seal size	Seal thickness
Copper electric cables	E 120; I 120	300 mm x 100 mm	180 mm
12 cables Cu $\phi = 6$ mm			
12 cables 30 pairs x 0,9 mm ² - Cu - $\phi = 7$ mm			
8 cables 5G 1,5 mm ² - Cu $\phi = 10$ mm			
Cable tray	E 120; I 120	300 mm x 100 mm	180 mm
Galvanized steel 120 mm x 30 mm x 1,5 mm cable tray with a perforated bottom and without closure cap on both ends			
Thermal protection⁶	E 120; I 120	300 mm x 100 mm	180 mm
EasyPART applied with 40 mm – 60 mm length with 55 mm thickness on the unexposed face			

⁶ Thermal protection is optional. It is conducted by cutting the EasyPART fire stopping foam in a way to leave the cables partially covered with foam on 40 to 60 mm length on the unexposed face and a thickness of 55 mm.

EasyPART Intumescent Fire Stopping Foam

Resistance to fire classification
 Rigid floor constructions with minimum floor thickness of 180 mm

Annex B2