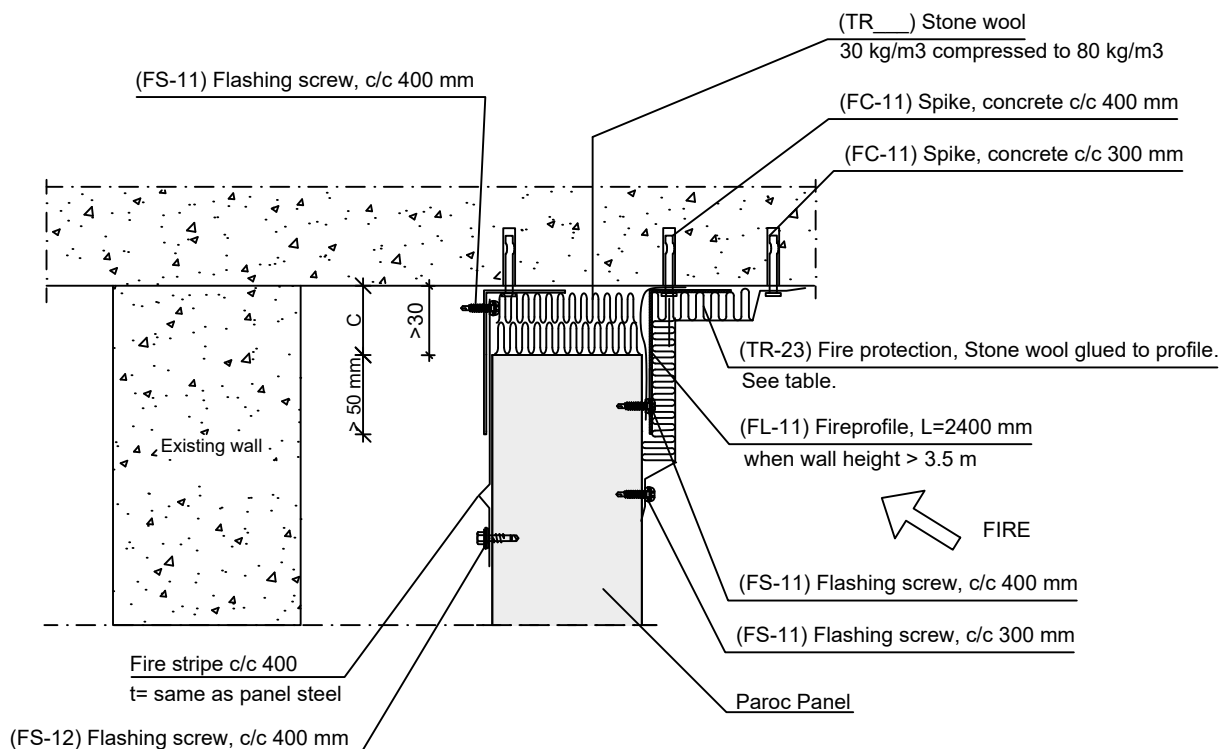


Panel span (m)	Thickness of the stone wool protection for fasteners/profiles				
	EI 60	EI 90	EI 120	EI 180	EI 240
≤ 6 m	-	-	30 mm	40 mm	50 mm
> 6 m	-	30 mm	30 mm	40 mm	50 mm



**Attention!**

In fire partition walls/ceilings use always screws/rivets of steel!

**Attention!**

The screws shall have enough capacity on both sides, to resist loads from dead weight of panel + support reaction from pressure load, up to 0.3 kN/m<sup>2</sup> as a catenary construction in case of fire.

**Wall classification:**

The fire partitioning class according to the CE-approval for Paroc panel.

Classification shall always be compared with national certificates and requirements.

Height of the wall (m)	Thickness of the L-profile (mm) Deflection of structure c (mm)			
	25	50	75	100
3.5	1.25	1.5	2.0	2.0
4	1.5	2.0	2.0	2.5
5	1.5	2.0	2.0	2.5
6	2.0	2.0	2.5	3.0
7	2.0	2.5	2.5	3.0
8	2.0	2.5	3.0	3.5
9	2.0	2.5	3.0	3.5
10	2.5	3.0	3.0	3.5

The table is valid for pressure load < 0.3 kN/m<sup>2</sup>

(FL-11) Fire profile, 70x70x2, L=2400 mm, slotted holes 10x30  
(FL-12) Fire profile, 70x100x2, L=2400 mm, slotted holes 10x52  
(FL-13) Fire profile, 80x150x2, L=2400 mm, slotted holes 10x70mm

Check required thickness in the table, standard profiles are 2 mm.

