



Paroc Panel System:	Fire	Detail No.:	FI-I-302
Type:	Fire partitioning detail	Scale:	1:5
Subject:	Paroc panel flexible fixing to concrete roof when fire rating more than EI60. Vertical installation	Revision:	A
		Date:	02/2012
		Revision Date:	05.05.2021
		Signature:	KjN
		Revision Signature:	JeN

Notice: Principle Master Detail

Project specific changes on designer's responsibility

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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!

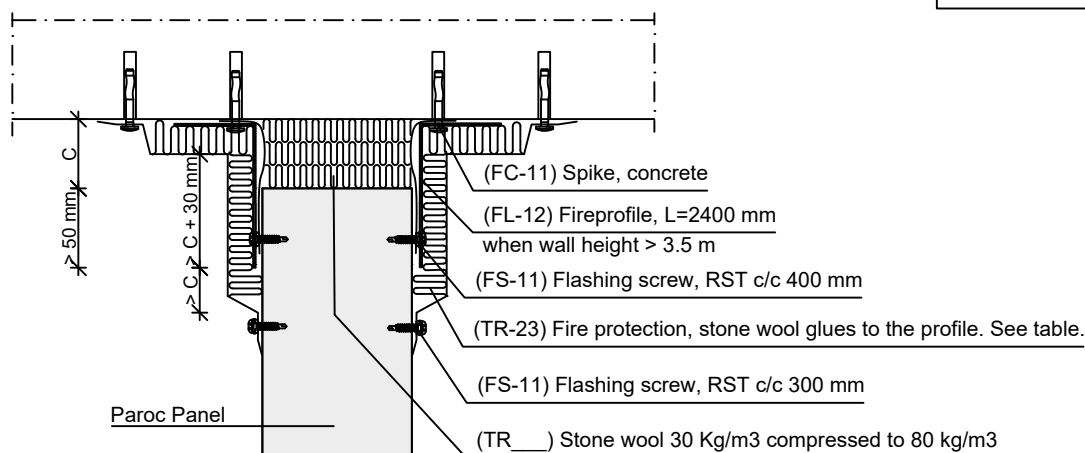
In fire partition walls/ceilings use always screws and rivets of steel!

Wall classification:

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

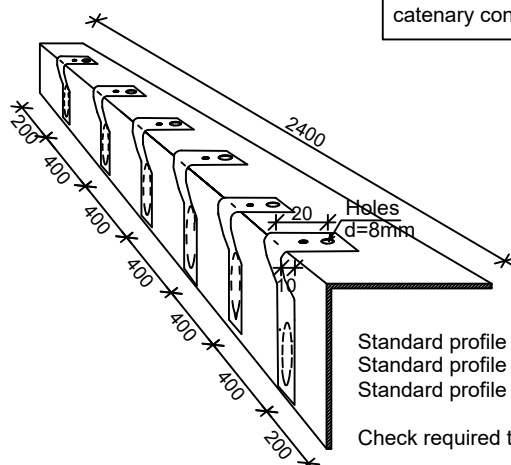
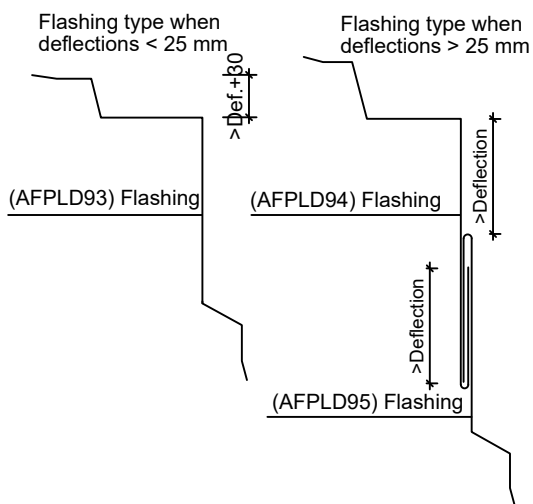
Classification must always be compared with national certificates and requirements!

Information about joint sealants in internal walls can be found in details OR-I-105 and OR-I-106



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/m² as a catenary construction in case of fire.



Standard profile (FL-11) 70*70*2.0, holes 10*30
Standard profile (FL-12) 70*100*2.0, holes 10*52
Standard profile (FL-13) 80*150*2.0, holes 10*70

Check required thickness in the table.

Height of the wall (m)	Thickness of the L-profile (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