



Paroc Panel System:	Fire	Detail No.:	FI-I-305
Type:	Fire partitioning wall	Scale:	1:5
Subject:	Paroc Panel flexibe connection to concrete roof, up to fireclass 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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Information about joint sealants in internal walls can be found in details OR-I-105 and OR-I-106

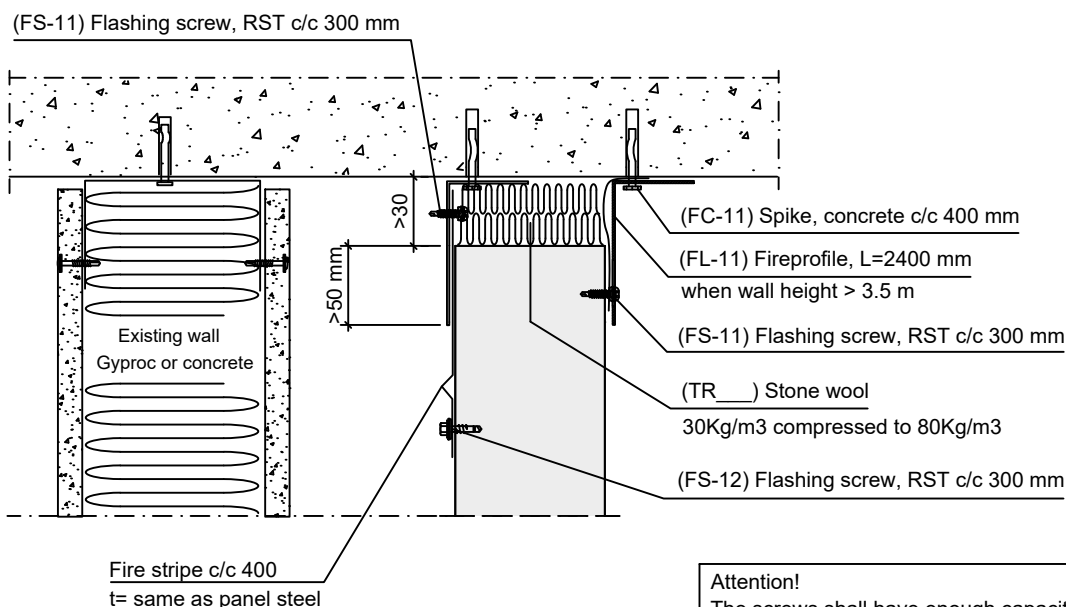
Attention!

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

Wall classification:

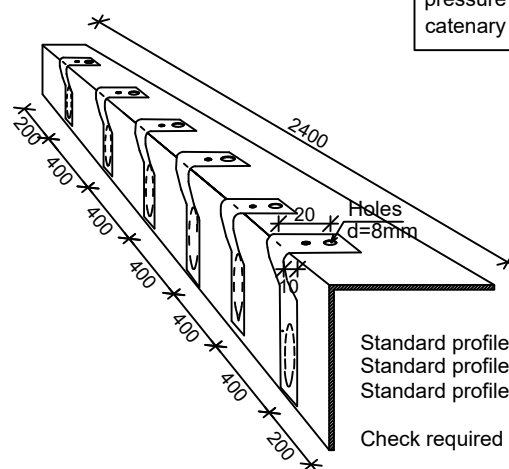
The fire partitioning class according to the CE-approval for Paroc panel!

Classification must always be compared with national certificates and requirements!



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) 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

[X] Supplier Paroc Panel System