



Paroc Panel System:	Fire	Detail No.:	FI-C-401
Type:	Ceiling detail	Scale:	1:5
Subject:	Connection between Paroc wall and Paroc non-load bearing fire-rated ceiling.	Revision:	A
		Date:	02/2012
		Revision Date:	28.04.2021
		Signature:	KjN
		Revision Signature:	JeN

Notice: Principle Master Detail

Project specific changes on designer's responsibility

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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!

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

Attention!

See Paroc Panel System Technical Guide for protection of ceiling panels!

Attention!

In case of fire the ceiling works like a catenary construction and must resist and transfer all loads from ceiling panels to the load bearing frame.

Fire span table, Ceiling AST E

Thickness	EI15	EI30	EI45	EI60	EI90
100	8,0m	7,6m	6,2m	5,6m	-
120	8,0m	8,0m	6,7m	5,8m	-
150-300	8,0m	8,0m	7,6m	6,4m	5,2m

Thickness of the stone wool protection for fasteners/profiles in ceilings

EI 60	>EI 60
TR-23, 30 mm	TR-22, 2 x 20mm

Information about Paroc Panel joints sealants in ceiling panels when fire solutions can be found in details FI-C-105, FI-C-106 and FI-C-107

