



Paroc Panel System:	Fire	Detail No.:	FI-C-406
Type:	Fire ceiling detail	Scale:	1:5
Subject:	Connection between Paroc wall and Paroc non-load bearing fire-rated ceiling, with frame on internal side	Revision:	A
		Date:	20.04.2011
		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!

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

Attention!

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

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

