



Paroc Panel System: Fire

Detail No.: FI-C-402

Type: Ceiling detail

Scale: 1:5

Revision: A

Subject: Connection between Paroc wall and Paroc non-load bearing fire-rated ceiling.

Date: 02/2012

Revision Date: 28.04.2021

Signature: KjN

Revision Signature: JeN

Notice: Principle Master Detail

Project specific changes on designer's responsibility

Copyright Paroc Panel System 2019-07-01

**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 joint sealants in ceiling panels when fire solutions can be found in details FI-C-105, FI-C-106 and FI-C-107

