



Fire Resistance Requirement

Fire Resistance (minutes)	European Classification
30 minutes	RE1 Solid
60 minutes	EI Crosshatch
90 minutes	E Hatch Up
120 minutes	I Hatch Down
180 minutes	R Colour Outline
240 minutes	

Combine Fire Resistance Minutes with European classification

Example:
REI120 is a solid Green Colour (right)

Notes:

- In the European classification:
"R" is the resistance to fire in terms of loadbearing capacity
"E" is the resistance to fire in terms of integrity
"I" is the resistance to fire in terms of insulation
- All Fire Doorsets have the European Classification "E" unless stated otherwise.
- This drawing shows the minimum standard of fire resistance required for the fire strategy; the design may achieve a greater standard of fire resistance than this minimum standard.
- Direction of fire exposure to follow standard guidance, unless otherwise noted.
- Fire compartmentation to be read in conjunction with the fire strategy.

Issue

Date

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Client
ROK-FCC

Project Title
Our Hospital Project

Key Plan

Drawing Title
OHP Energy Centre
Fire Engineering Comments
Level M0

Scale of A0 1 : 100	By / Check / Appd HW/RTT/RS/Approver
Role YF	
Status SO - Initial Status (WIP)	
Appr Job No OHP	Rev P01
ID OHP-ARP-CZ-M0-SK-YF-700001	