



**Fire Resistance Requirement**

Fire Resistance (minutes)	European Classification
30 minutes	REI 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

# ARUP

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Client  
ROK-FCC

Project Title  
Our Hospital Project

Drawing Title  
OHP Energy Centre  
Fire Engineering Comments  
Level 00

Scale of A0	1 : 100	By / Chkd / Appd	HW/RT/TS/Approver
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