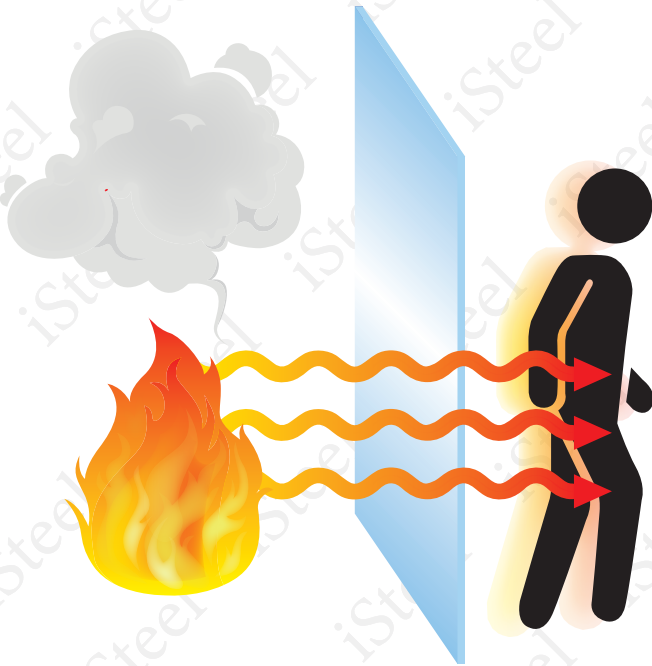


# Fire Classifications to EN357 Explained

- **E & EI Ratings** represent products such as **Steel, Aluminium and Glass** which are **conductors of heat**
- **FD Ratings** represent products such as **Timber** which are **non-conductors of heat**

iSteel specialise in Glazed Steel products, which is why we offer 'E' & 'EI' Fire Ratings. To ensure the correct product is quoted for and ultimately installed, we recommend presenting this information to your local Building Control for confirmation of the level of rating your project requires.



## **E (Integrity Only)**

*Integrity Only* Fire Rating refers to the length of time the product will prevent the passage of *flames* from transferring from the fire side, But offers no protection against heat.

An 'E' rating is followed by a number, which indicates the number of minutes the product will sustain protection for.

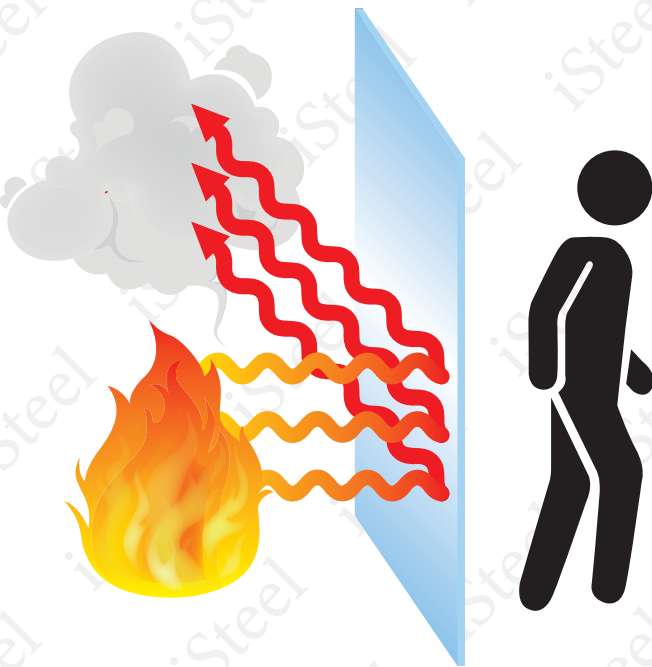
### **Typical 'E' Ratings**

E30 (30/0) = 30 Minutes

E60 (60/0) = 60 Minutes

E90 (90/0) = 90 Minutes

E120 (120/0) = 120 Minutes



## **EI (Integrity & Insulation)**

*Integrity & Insulation* Fire Rating refers to the length of time the product will prevent the passage of *flames, smoke and heat* from transferring from the fire side.

An 'EI' rating is followed by a number, which indicates the number of minutes the product will sustain protection for.

### **Typical 'EI' Ratings**

EI30 (30/30) = 30 Minutes

EI60 (60/60) = 60 Minutes

EI90 (90/90) = 90 Minutes

EI120 (120/120) = 120 Minutes



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