

Firemaster\_Ceiling \_NBS Specification

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## K10 Plasterboard dry linings/ partitions/ ceilings

### 10A CEILING PANEL SYSTEMS

#### K30 CEILING PANEL

#### 10 CEILING PANEL SYSTEM

##### Euroclad Group Ltd panels

Eurobond manufacture a range of insulated and fire-resisting panel which can be used for partition and ceiling systems. All panels are manufactured to an ISO 9001:2000 quality assurance system.

Panels are made to order and it is recommended that Eurobond be consulted early in the design process.

##### Firemaster Ceiling

Fire rated non-combustible ceiling panels for use in internal applications.

##### Firemaster Ceiling Panels

Fire rated non-combustible ceiling panels designed for use in food processing areas, temperature controlled rooms, clean rooms and high risk environments. Panels can be walked on for maintenance access only in accordance with BS6399 standard.

Material: Tata PE25 RAL9010 or Advantica Control L Foodsafe Face/White polyester back

All TATA Colourcoat products used in manufacture of Firemaster product range have a Class 0 rating.

All panels have an interlocking steel joint detail.

Top surface profile: 0.7mm minibead

Bottom surface profile: 0.5mm minibead or architecturally flat

Sizes to order within the following limits:

Length 1800mm – 8500mm

Width 1200mm as standard

Thickness –75mm-300mm

Performance: Panels tested/assessed to BS476 part 22. Fire rating of up to 120 minutes (integrity and insulation)

Approved by Factory Mutual to FMRC standard 4880 Class 1 fire classification of metal faced insulated wall panels with non-combustible core for installation with no height restriction.

U-value:

- 75mm - 0.54 W/m<sup>2</sup>K
- 100mm - 0.40 W/m<sup>2</sup>K
- 125mm - 0.33 W/m<sup>2</sup>K
- 150mm - 0.27 W/m<sup>2</sup>K
- 175mm - 0.23 W/m<sup>2</sup>K
- 200mm - 0.20 W/m<sup>2</sup>K
- 240mm - 0.18 W/m<sup>2</sup>K
- 300mm - 0.15 W/m<sup>2</sup>K

Weighted sound reduction:

75mm - 31Rw (db)  
100mm - 33Rw (db)  
125mm - 33Rw (db)  
150mm - 34Rw (db)  
175mm - 35Rw (db)  
200mm - 36Rw (db)  
240mm - 36Rw (db)  
300mm - 36Rw (db)

Interlocking steel jointing system requires no additional fixing components for vertical joints. Consult Eurobond Laminates Ltd technical literature for details. Eurobond can also provide a design and specification service and it is recommended that they are consulted early in the design process.

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