

Data sheet: V1.1

## Standard window profiles Specifications

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### General description

ArcelorMittal South Africa, Vereeniging Steel produces a range of hot rolled profiles for the secondary window and doorframe industry. All these profiles are supplied in the as-rolled condition. The SP mill in Pretoria is ideal for the rolling of complex steel profiles. It is equipped with a re-heating furnace, in-line roughing mill, cross-country finishing mill and cooling bank. The finishing area is equipped with cold saws, straightening machines and painting facilities.

### Chemical composition

The window profiles are hot rolled from mild steel with a maximum carbon content of 0,30% making it suitable for welding using any of the standard welding processes, usually without special precautions. No test or analysis certificates are supplied.

### Dimensions and tolerances

#### Profiles

Each profile is rolled to dimensions as shown in the relevant drawings. The window profiles are rolled to nominal dimensions within defined tolerances as shown.

#### Lengths

Window profiles are supplied in approximately 6m lengths in bundles of approximately 2 tons.

#### Note

Care should be taken when specifying corrosion protection systems to ensure that the requirements of the specific application are met without over specification. Surfaces to be painted must be free of scale, rust and oil. Normally a red oxide industrial coating primer with one or two suitable topcoats will be adequate. It might be necessary to use more sophisticated protection systems for industrial/marine environments.

Please refer to SANS 1200 – 1988 “Corrosion protection of structural steel”.

### Quality assurance

Quality assurance systems in use at the works are based on the requirements of SANS ISO 9001: 2008

### Supply conditions

Window profiles are supplied in terms of ArcelorMittal South Africa’s price list number EL 45 (S03) and the general conditions of sale. The following standard window profiles are available from ArcelorMittal South Africa. Dimensions are in mm.

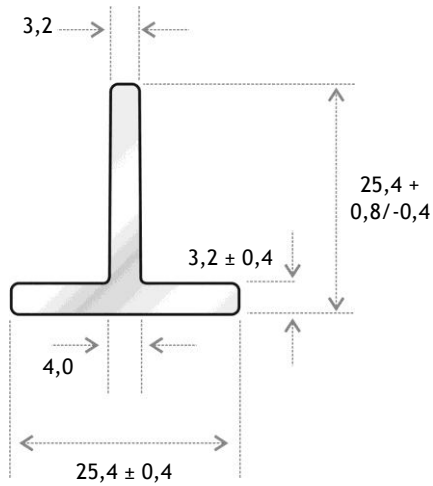
### Industrial and school window profiles

In compliance with SANS 727 Part 1.2: 2002

For further information, contact:

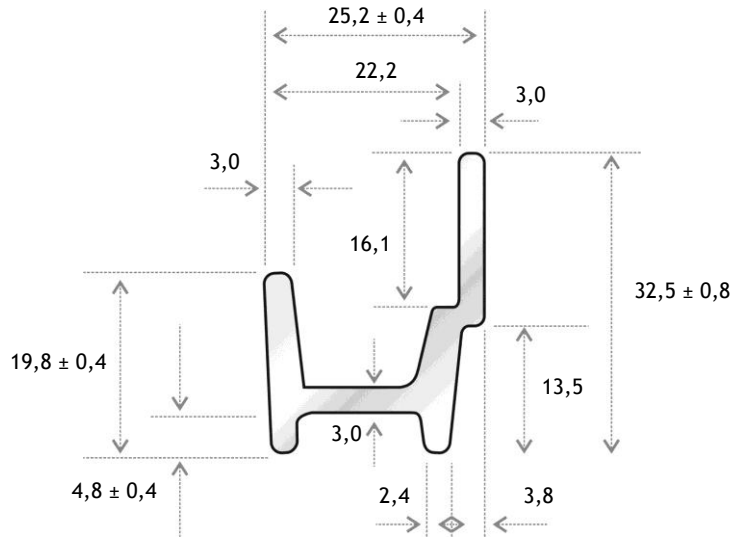
ArcelorMittal South Africa Limited, Vereeniging Works, PO Box 48, Vereeniging 1930. Tel (016) 440 3700 Fax (016) 440 3743  
E-mail address: Stephanus.theron@arcelormittal.com

Care has been taken to ensure that the information in this data sheet is accurate. ArcelorMittal South Africa Limited does not, however, assume responsibility for any inaccuracies or misinterpretations of this data. We are continuously engaged in product development and revised data sheets will be issued from time to time. Please ensure that you have the most recent issue. **Effective date: February 2014**



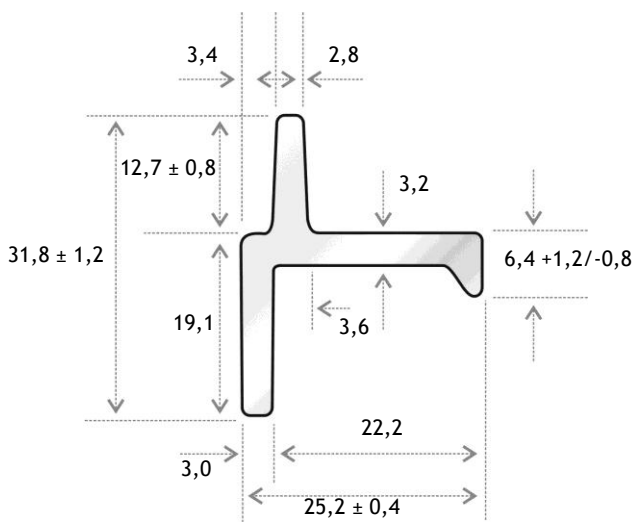
**T13**

Average mass 1,260 kg/m  
Maximum mass 1,300 kg/m



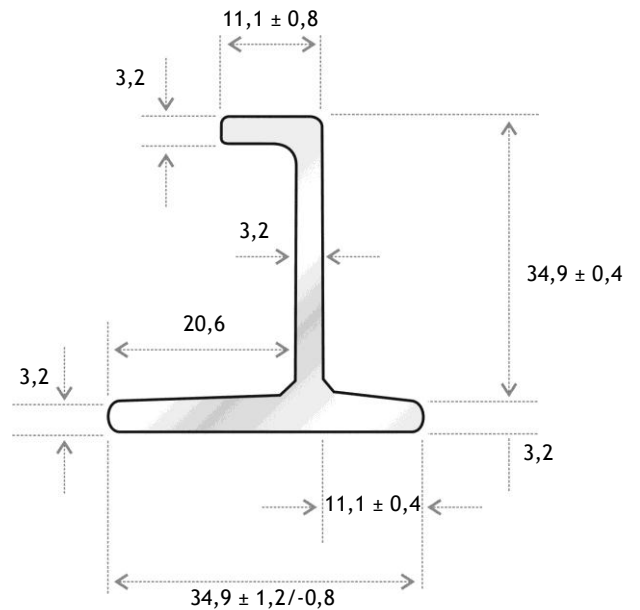
**F8**

Average mass 1,860 kg/m  
Maximum mass 1,930 kg/m



**F5**

Average mass 1,410 kg/m  
Maximum mass 1,462 kg/m



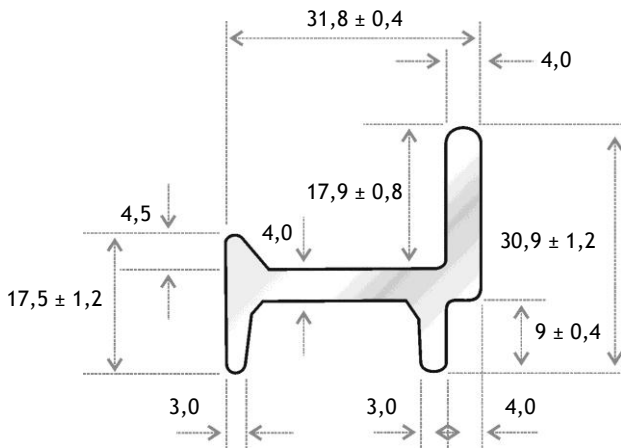
**EZ7**

Average mass 2,110 kg/m  
Maximum mass 2,140 kg/m

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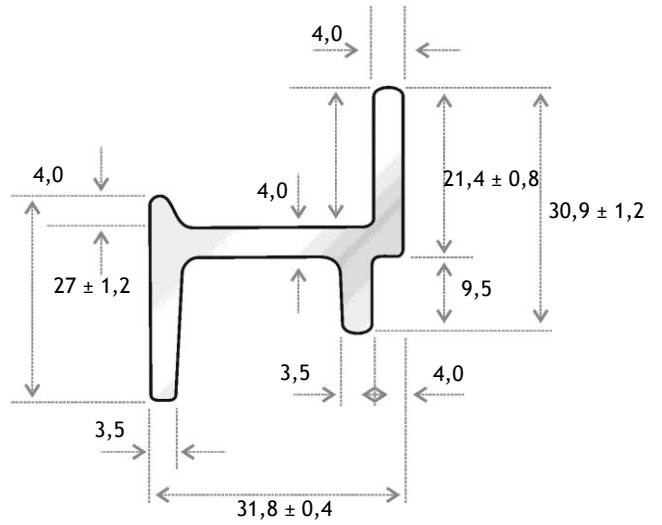
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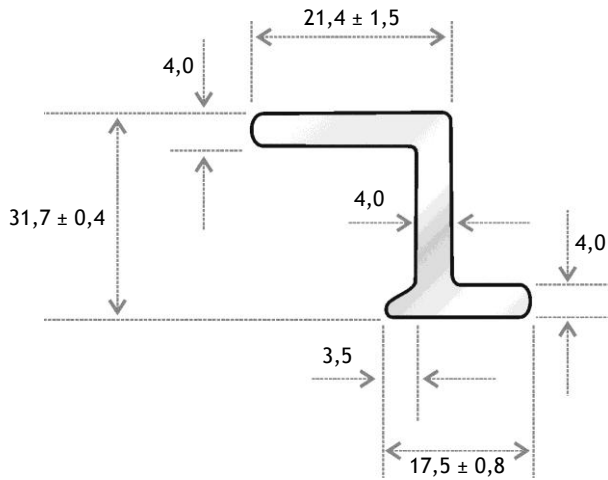
**GF8**

Average mass 2,231 kg/m  
Maximum mass 2,298 kg/m



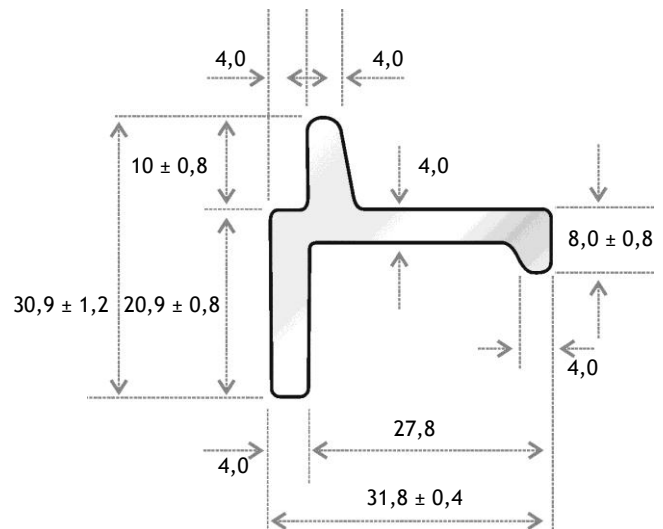
**LGF8**

Average mass 2,550 kg/m  
Maximum mass 2,624 kg/m



**GF7**

Average mass 1,970 kg/m  
Maximum mass 2,030 kg/m



**GF5**

Average mass 1,960 kg/m  
Maximum mass 2,100 kg/m

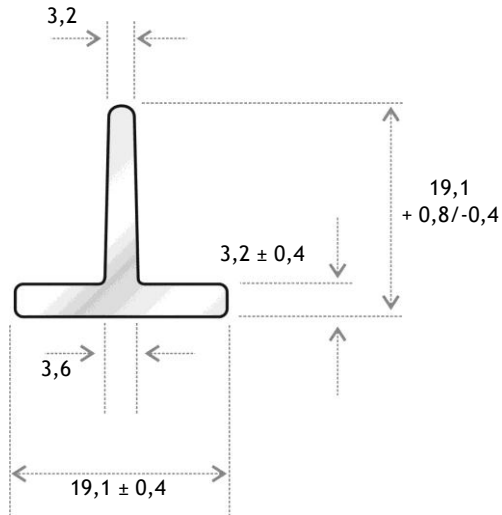
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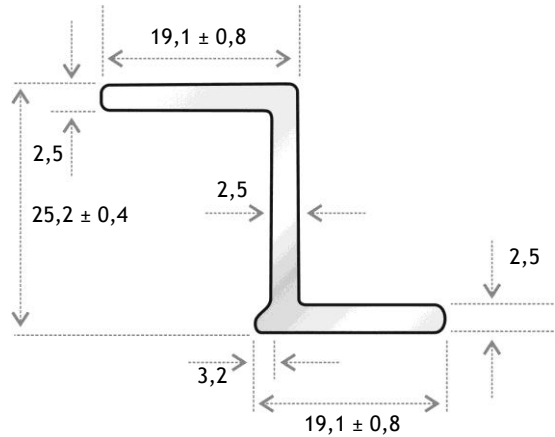
## Residential window profiles

In compliance with SANS 727 Part 1.2: 2002



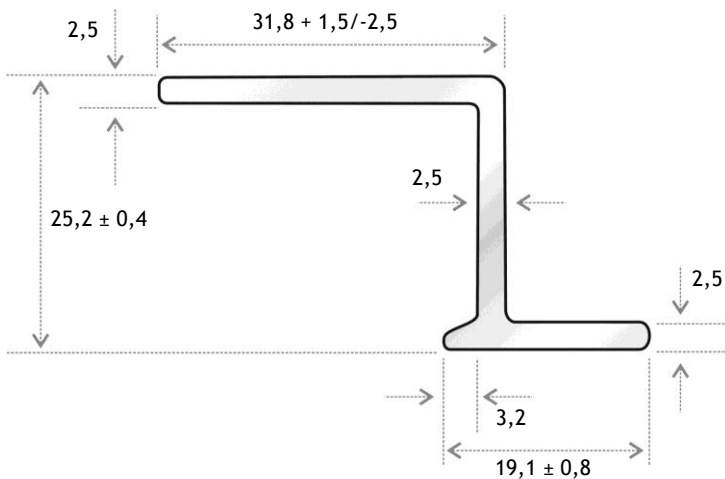
### T6

Average mass 0,890 kg/m  
Maximum mass 0,920 kg/m



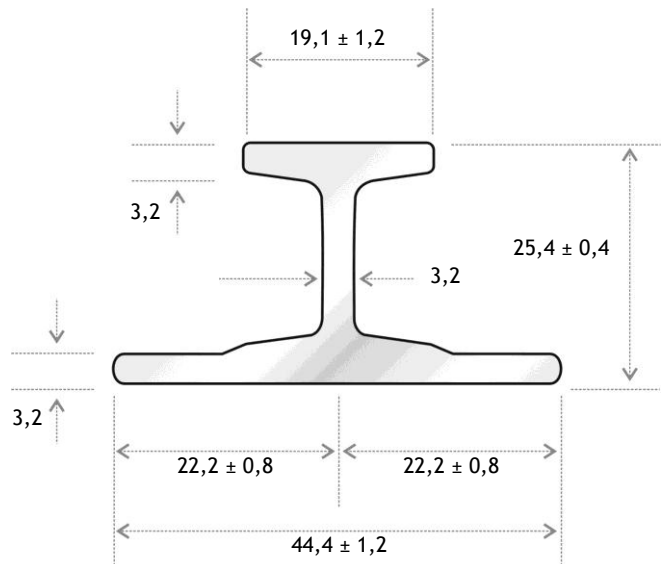
### PF7

Average mass 1,175 kg/m  
Maximum mass 1,230 kg/m



### PFX7

Average mass 1,411 kg/m  
Maximum mass 1,456 kg/m



### F4B

Average mass 2,530 kg/m  
Maximum mass 2,600 kg/m

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