

Data sheet: V1.2

Light window profiles Specifications

General description

ArcelorMittal Long Steel Products 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 Special Profile Mill in Pretoria is ideal for the rolling of complex and niche 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 straightening machines and cold saws facilities.

Chemical composition

The window profiles are hot rolled from structural steel with a carbon content of 0.15-0.20% and manganese content of 0.65 – 0.90%, making it suitable for welding using any of the standard welding processes, usually without special precautions. No test or analysis certificates are supplied, but available on request.

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 ISO 9001: 2015.

Supply conditions

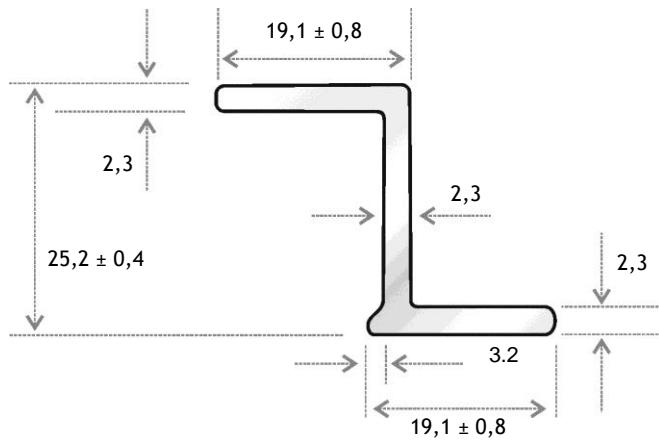
Window profiles are supplied in terms of ArcelorMittal Long Steel Products price list and the general conditions of sale. The following standard window profiles are available from ArcelorMittal Long Steel Products. Dimensions are in mm.

Available on enquiry (limited stock)

For further information, contact:

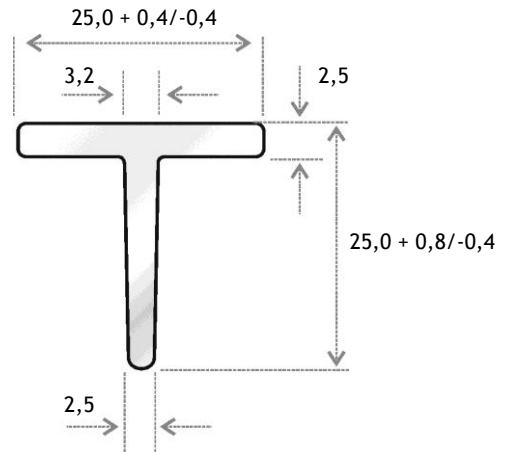
ArcelorMittal South Africa Limited, Vereeniging Works, PO Box 48, Vereeniging 1930. Tel (016) 440 3691 Fax (016) 440 3743
e-mail address: enquiries.vereeniging@arcelormittal.com

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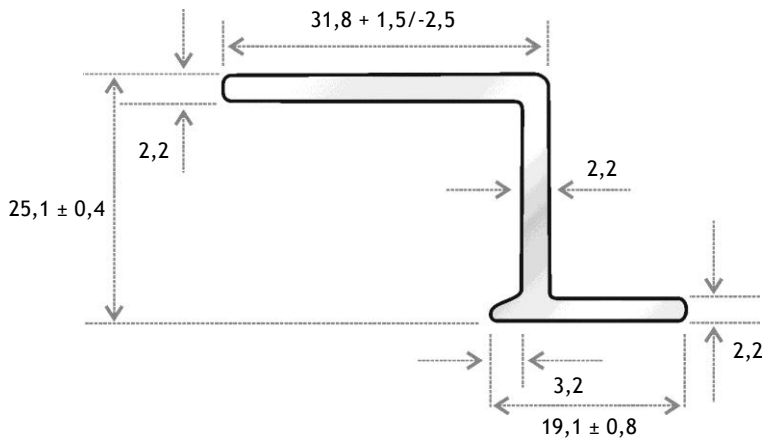
L-F7

Average mass 1,060 kg/m
Maximum mass 1,087 kg/m



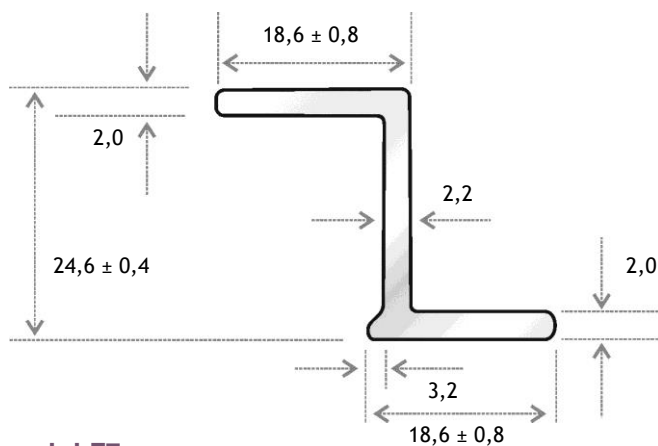
L-T13

Average mass 0.966 kg/m
Maximum mass 0.990 kg/m



L-FX7

Average mass 1,290 kg/m
Maximum mass 1,320 kg/m



L-LF7

Average mass 0,99 kg/m
Maximum mass 1,02 kg/m

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