

Data sheet: V2.3

Palisades SP, GP & AP Specifications

General description

ArcelorMittal South Africa, Vereeniging Steel produces a range of hot rolled fencing profiles. These profiles are supplied in the as-rolled condition and are rolled to the approximate dimensions shown. 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

Palisade profiles are hot rolled from a standard steel grade (SANS 1431) with a carbon content of 0.30% maximum making it suitable for cutting and welding using any of the standard welding processes. No test or analysis certificates are supplied.

Galvanising

The chemistry is adjusted to allow for the poles to be easily galvanised by the hot dip galvanising process.

Corrosion protection

Palisade profiles will be supplied in the as rolled condition (black). Surfaces to be painted should be cleaned and free from loose scale, rust and oil. Normally an industrial primer coating 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 steels*".

Quality assurance

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

Supply conditions

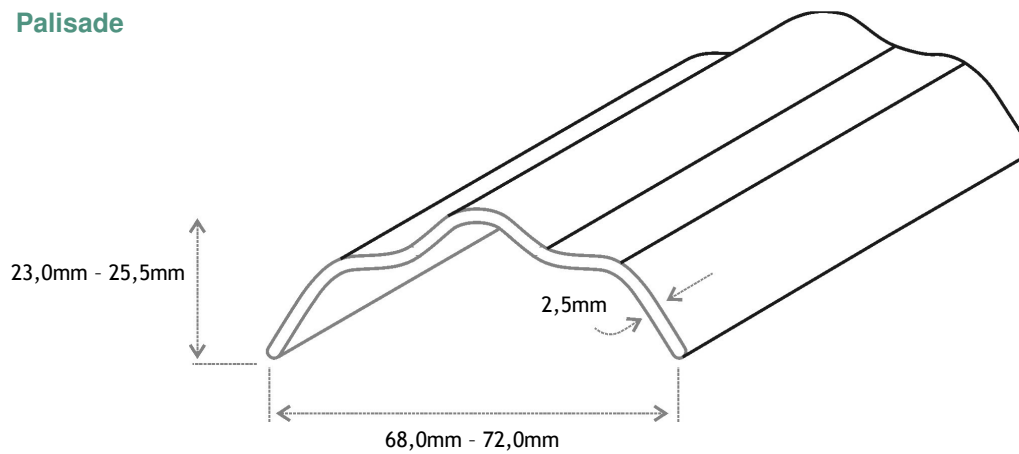
Palisade profiles are supplied in terms of ArcelorMittal South Africa's price list number SO4 (P) and the general conditions of sale.

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

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: December 2011**

Palisade



Dimensional characteristics

Pattern

Corrugated "D" pattern with no ribs or holes formed during the rolling process.

D type palisades are supplied according to SANS 1722 Part 12: 1999 (BS 1722 Part 12 1999)

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D section		Mass/m
70 mm SP	68-72mm	1,8kg/m
65 mm AP	63-67mm	1,55kg/m

Ordering lengths and bundle sizes

Palisade profiles are supplied in approximately 4,8m, 6,0m and 7,2m lengths in approximately 100 bars/bundles.

Straightness

Material will be supplied un-straightened with straight cut ends on both ends. A commercial straightness tolerance of 5mm maximum deviation over 1 metre will apply.

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