



# GUARD RAIL PAGAR PENGAMAN

**D**ELTAPOLE telah memproduksi GUARD RAIL untuk kebutuhan perlindungan pada sepanjang jalan raya yang mampu menahan benturan berat akibat dari kendaraan yang keluar bahu jalan raya atau pada sisi tebing curam dan sungai.

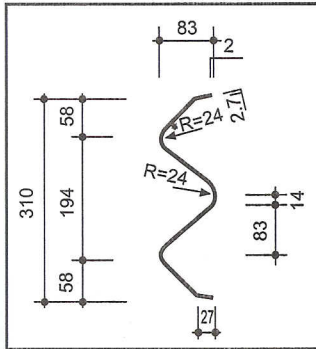
Dibuat dari baja berkualitas tinggi dengan mengacu pada standard mutu Internasional AASHTO, BS & JIS serta dengan dukungan Pengendalian mutu terpadu yang ketat, maka produk GUARD RAIL ini memiliki kualitas tinggi.

Finishing pada GUARD RAIL dengan hot dip galvanis sehingga menambah umur produk dan lebih tahan dari proses terajadinya korosi.

DELTAPOLE produces GUARD RAIL for the purpose of guarding alongside of highways which is capable of resisting high impacts by vehicle pulling out the shoulder and safeguarding the borders of cliff and rivers.

Made of high quality steel and confirmed with international quality standards; AASHTO, BS & JIS and also supported by integrated precise quality control, DELTAPOLE manufactures high quality products.

GUARD RAIL is hot dip galvanized to extend its service life time and increase its resistance of corrosion.



Made by



**PT. HELORI GRAHASARANA**  
General Contractor & Factory

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## Material Spesification

| No. | Description                            | Dimension mm        |
|-----|--|---------------------|
| 1.  | Beam Guard Rail<br>Length<br>Thickness | 4000<br>2.7         |
| 2.  | Channel Post<br>Length<br>Profil       | 1800<br>6x76x176x76 |
| 3.  | Blocking Piece<br>Length<br>Profil     | 350<br>6x76x176x76  |
| 4.  | Round head bolt & nut                  | Dia 16x32           |
| 5.  | Hexagon head bolt & nut                | Dia 16x32           |

## Galvanizing Spesification ASTM Standard A. 123 or BS. 729

| Category      | Minimum average coating weight g/m <sup>2</sup> | Coating thickness μm |
|---------------|---|----------------------|
| ≤ 5mm thick   | 610   | 85                   |
| > 2 < 5mm     | 460   | 65                   |
| > 1 < 2mm     | 335   | 47                   |
| Iron castings | 610   | 85                   |
| Centrifuged   | 305   | 43                   |