



LYSAGHT TAPERLINE POLES



LYSAGHTGuardrail™ Strength That Holds the Line



About Us

Lysaght Taperline Poles Pvt. Ltd., accredited with ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018, is an India-incorporated company and a member of the Lysaght Group of Companies, Singapore ("The Group"). A manufacturer of highway guardrails under the trademark LysaghtGuardrail™ in Malaysia for over 30 years, the Group is today one of Asia's leading manufacturers and suppliers.

Features

Metal crash barriers conforming to major specifications such as:



MoRTH
Ministry of Road Transport
and Highways
Ministry of Road Transport & Highways (MoRTH),
India/Indian Roads Congress (IRC)



American Standards
(AASHTO M 180)



Euronorm Standards
(EN 1317-1 & 2)

Types of Barriers



Single Faced
Single Barrier



Double Faced
Single Barrier



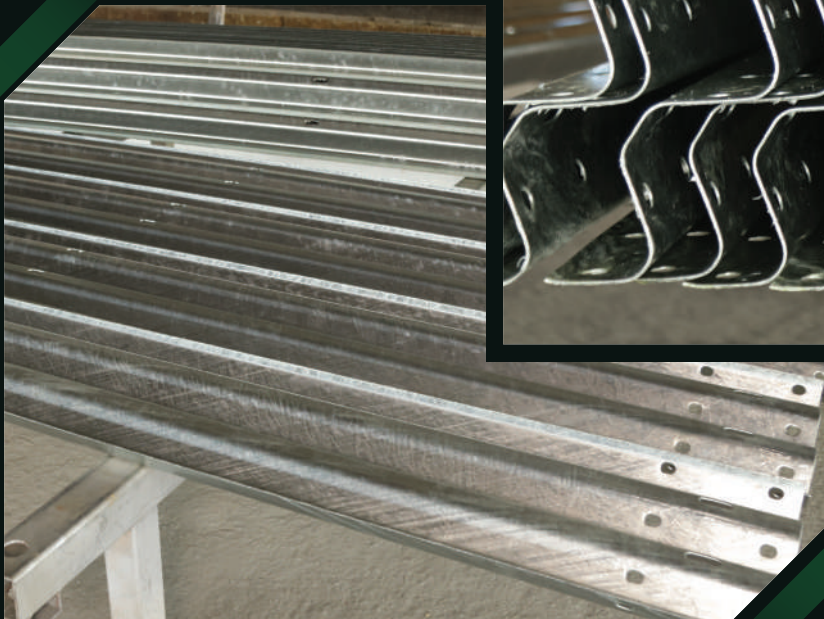
Single Faced
Double Barrier



Double Faced
Double Barrier

Types of Barriers

- ▶ Minimizes vehicle damage, allowing vehicles to be manoeuvred after impact.
- ▶ Resistant to impact damage.



- ▶ Economical in construction, installation and maintenance.
- ▶ Functional and aesthetically pleasing appearance.



LYSAGHT GUARDRAIL™



The base steel is chosen for its strength and flexibility components of metal crash barriers

The steel used conforms to the requirements of AASHTO M 180-00 (2004) or equivalent standards and exceeds the following minimum requirements:

Minimum Yield Strength: 250 MPa

Minimum Tensile Strength: 410 MPa

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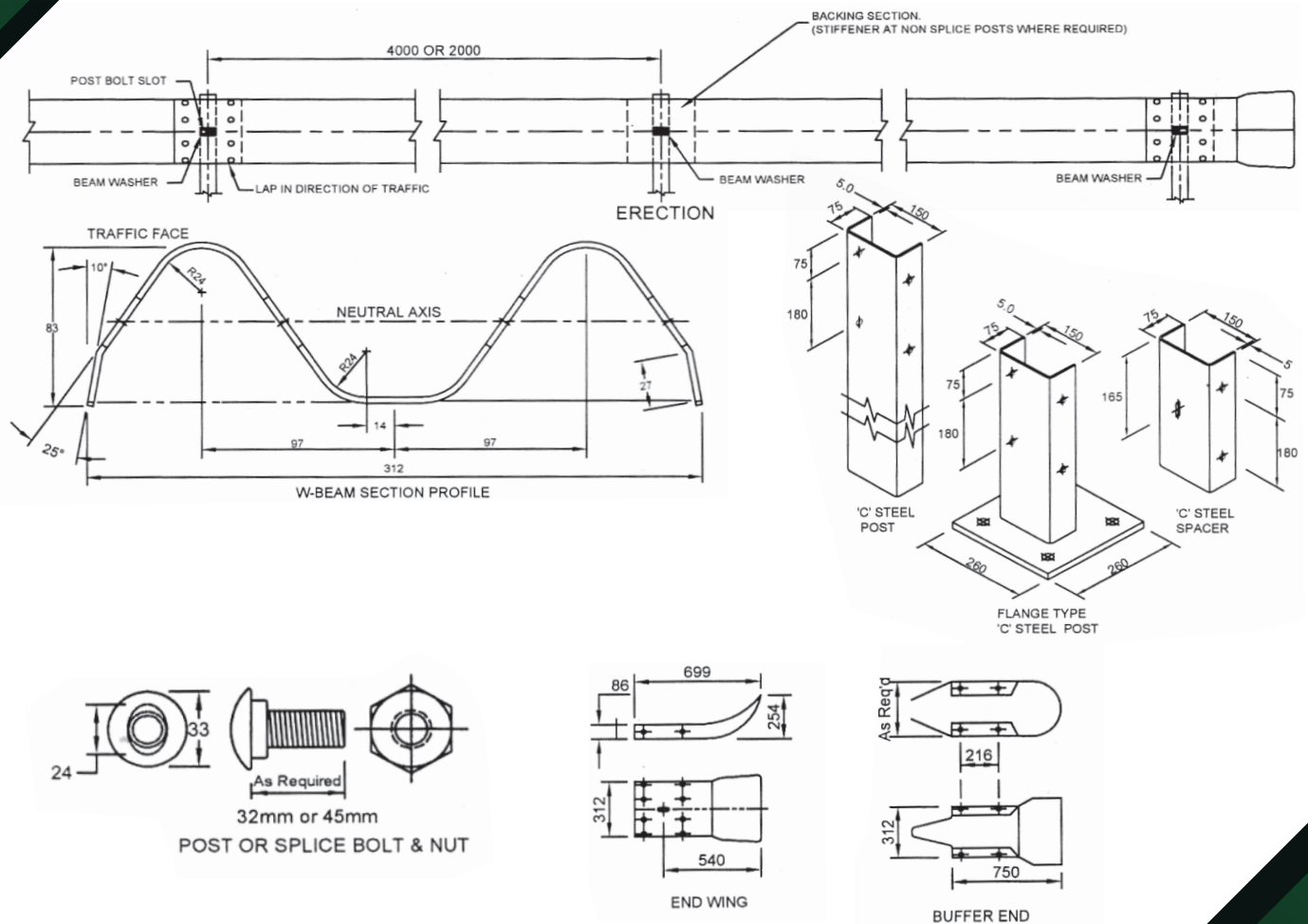
Steel conforming to IS 2062, AASHTO M180-00 (2004), or equivalent standards.

The zinc used conforms to AASHTO M 120 standards. The zinc coating applied complies with the requirements of AASHTO M 180-00 (2004) or equivalent standards. The bolts are 16 mm (5/8 inch) in diameter and comply with AASHTO M 180-00 (2004) and ASTM A307 standards. They are galvanized according to AASHTO M232 specifications or equivalent standards.

**Profile conforms to the requirements of MoRTH /AASHTO M 180-00 (2004)
or equivalent standards.**

Physical Properties - W Beam

Effective Length	Uncoated Nominal Base Thickness	Overall Length	Cross Sectional Area	Moment of Inertia Horizontal	Section Modulus Horizontal
4000mm	2.80mm	4318mm	1348mm ²	0.98x10 ⁶ mm ⁴	2.33x10 ⁴ mm ³
4000mm	3.00mm	4318mm	1443mm ²	1.05x10 ⁶ mm ⁴	2.50x10 ⁴ mm ³



Components

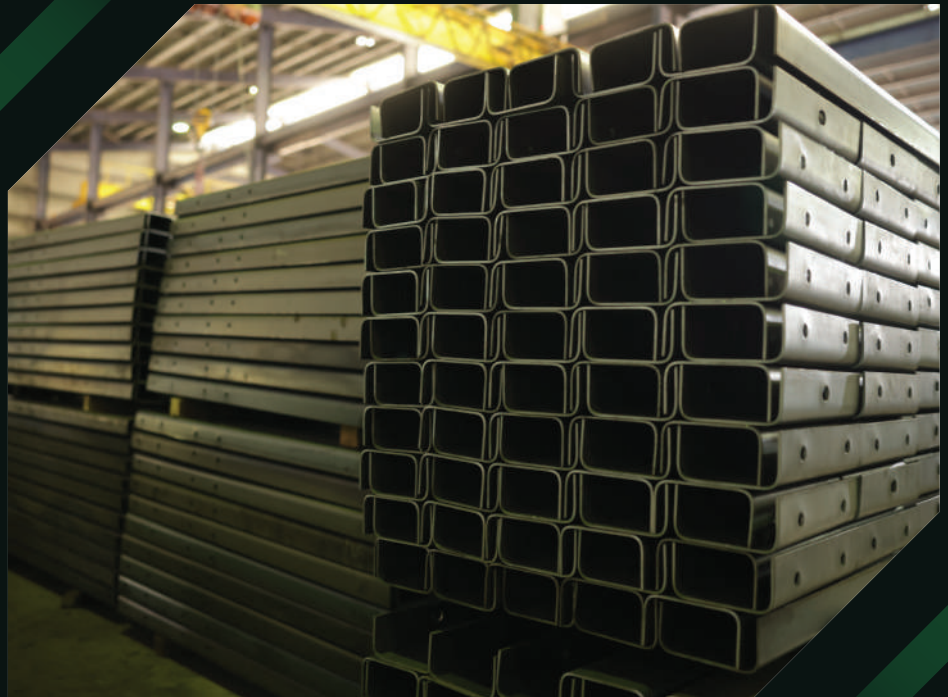
W Beams

- ▶ Cold roll formed in thicknesses of 3.00 mm / 2.80 mm
- ▶ Raw material conforming to IS 2062 Grade E250 / E350 or equivalent
- ▶ Hot-dip galvanized to 550 gsm/sq.m



Fasteners

- ▶ Cold roll formed in thicknesses of 5.00 mm / 4.80 mm
- ▶ Raw material conforming to IS 2062 Grade E250 / E350 or equivalent
- ▶ Hot-dip galvanized to 550 gsm/sq.m



Components

End specials

- ▶ 3.00 mm / 2.80 mm thick turned-down end terminals
- ▶ 3.00 mm / 2.80 mm thick press-formed end terminals (Fishtail)
- ▶ 3.00 mm / 2.80 mm U-shaped terminals as median end terminals
- ▶ Hot-dip galvanized to 550 gsm/sq.m



Posts & Spacer

- ▶ M20 and M16 fasteners as per IS1367 Grade 4.6/8.8
- ▶ Hot-dip galvanized to required standards



LYSAGHT GUARDRAIL™

Contact Us

City Office & Sales

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Registered Office & Factory

Plot No. F93-F95, SIPCOT Industrial Park, Irungattukottai, Sriperumpudhur – 602105, Tamil Nadu, India.

Tel: 044 2715 6158

Hot Dip Galvanizing Service Factory

Plot No. F7/1, SIPCOT Industrial Park, Mambakkam, Sriperumpudhur – 602105, Tamil Nadu, India.

Tel: 044 2715 6158



LYSAGHT TAPERLINE POLES PVT. LTD.

(Company No. U28112 TN2004 PTC053235)

(AN ISO 9001: 2015 CERTIFIED COMPANY)