



CRASH BARRIERS

GUARDRAIL - AN INTRODUCTION

The Problem of Road Safety has become very important, primarily because of growing number of vehicles on the road and the high percentage of heavy vehicles. Guardrail is the best mean of traffic safety system found on highways. Guardrail is installed to reduce the severity of run-off-road accidents. This is accomplished by redirecting a vehicle away from embankment slopes or



GUARDRAIL - SPECIFICATION

W - Beam (profile)

The Guard Rail Beam is a 'W' profiled corrugated beam of 4318/4124 mm long made out of steel strip of 3/2.67 mm thick having minimum yield strength of 345 N/mm.2 The beam shall have a formed width of 312 mm & depth of corrugation as 83 mm for W



The Guard Rail Post consists of Post of size 150 x 75 x 5 mm. The Total length of the post shall varies depending on the site requirements generally the length of the post is 1250 to 1900 mm long and is embedded in concrete for a length of 500 to 1150 mm thus making the height of the post above concrete foundation as 750 to 800 mm for W beam.

Type (W x H x T) (mm)	Length (mm)	Nominal Thickness (mm)	Profile Size (mm)
150 x 75 x5	L (Variable)	5	L x 290 (± 2) x 5 (± 0.05)

