



Brifen Wire Rope Safety Barrier

The Brifen Wire Rope Safety Barrier was developed in the mid 1980's for use on dual carriageways, medians and verges. The patented system comprises wire ropes and steel posts deployed in a unique arrangement enabling impacting vehicles to smoothly decelerate and be redirected with minimal damage. Brifen Wire Rope Safety Barrier has been tested to the guidelines in NCHRP 350 TL-3 And TL-4 for longitudinal cable barriers. The system is in service in over 40 countries with over 4000km installed worldwide. In New Zealand, more than 140km of the Brifen system is in service with some of the earlier installations in continuous service for over 20 years.

Features

- » Tested and approved to NCHRP 350 TL-3 and TL-4
- » Tried and tested good vehicle control and behaviour
- » Can be used in either edge of road or median
- » Easily installed and repaired with low maintenance cost
- » Aesthetically pleasing appearance
- » Manufactured in New Zealand
- » Patented technology with proven in life service

Specifications

- » All posts are hot dip galvanised (white powder coating optional)
- » Cable – 19mm 4 x 7 strand, pre-stretched by 35%
- » Cable heights (to the centre) as attached drawings
- » Typical line post footing piles are 300 diameter X 750mm (0.05m³)
- » Concrete to be 25MPa
- » Tensioned to 19.5kN at 20°C. (Tension may vary depending on air temperature at time of installation)

Standards and Approvals

- » Approved by NZTA for use on New Zealand State Highways to the configurations in the table below.

Product type	Post spacing	Deflection
NCHRP 350 Test Level 3	1.0m	1.25m
	2.4m	1.65m
	3.2m	1.8m
NCHRP 350 Test Level 4	3.2m	1.7m



More information on **Brifen Wire Rope Safety Barrier** can be found at www.csppacific.co.nz or call **0800 655 200**

Leading road side and barrier systems supplier

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