

TREVIADe

Vehicle Restraint Systems with Wood



Using the aesthetic, natural properties of wood and reinforcing the heterogeneous wooden profile with an innovative, unique introduction of Corten steel armco backing beams, we are proud to introduce the most sustainable, efficient, low maintenance and the most durable aesthetically pleasing road safety engineered concept.

The Treviade range of Vehicle Restraint Systems captivates the elegance of wood and our range of guardrails are designed for especially for the natural environment. E

Embracing new concepts and vision for urban and rural design.

Each of our systems can be adapted with extended handrails for cyclist and impact tested motorcyclist protection.



From Containment Class N2 to H2 Treviade vehicle restraint systems are efficient, more sustainable, use less wood, requires less maintenance and lasts longer than any other mixed wood galvanised system available.

The Treviade is a Corten steel range of single sided and double sided vehicle restraint systems with half-round log wooden elements mounted onto armco backing beams.

Treviade has achieved outstanding crash test results to provide designers with an aesthetically pleasing alternative solution to galvanised steel without compromising on safety.

Each system has been impact tested and have received Certificates of Conformity from credible independent test laboratories.

Adjustable working width ranges from W2 to W5 that can easily be adjusted during the on site construction phase by simply moving the post centres to comply with the desired



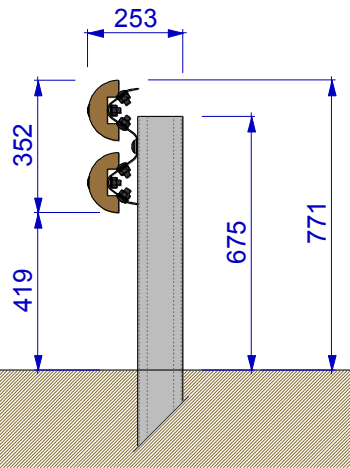
FerroStrada (UK) Limited

Venlaw House, Burston Road, The Heywood,
South Norfolk, IP22 5SX, United Kingdom

Tel: +44 (0) 1379 308 051

Email: admin@ferrostrada-uk.com

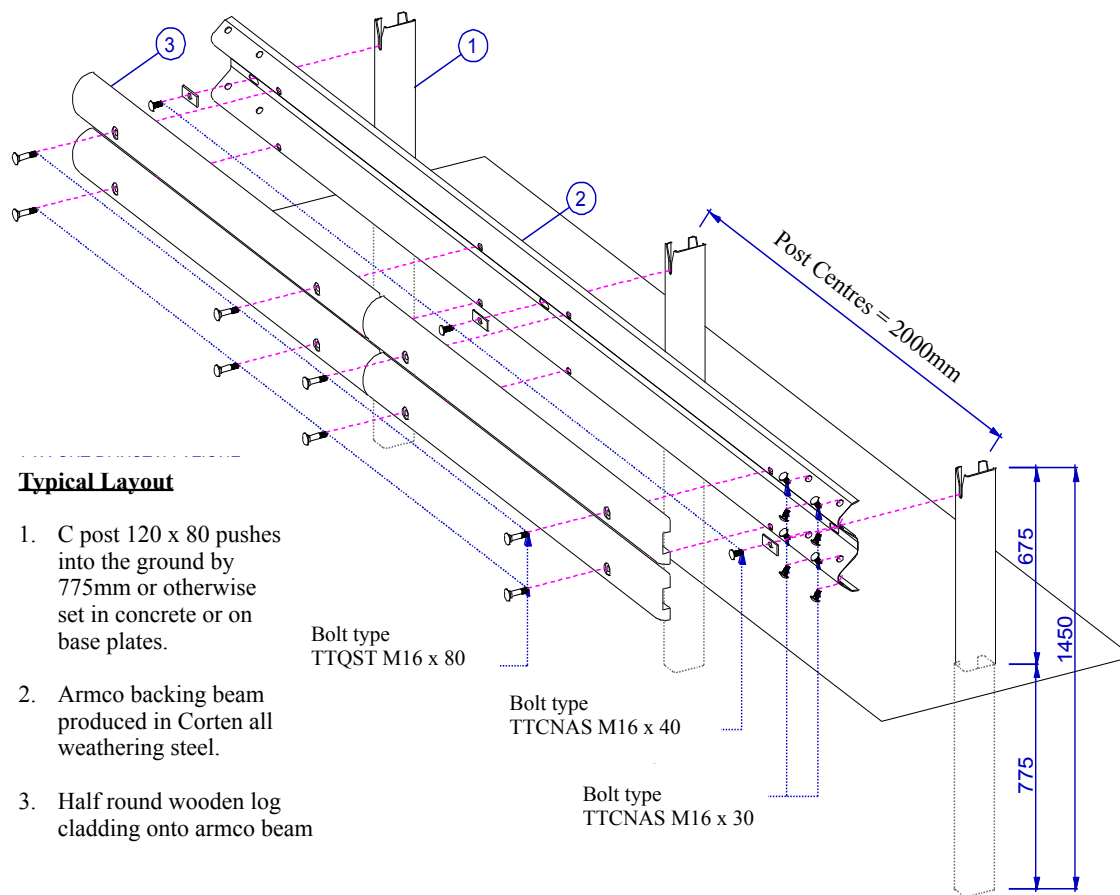
TREVIADE Mixed wood & steel guardrail



ASSEMBLY

Based on C shape posts fully manufactured in Corten (all weathering) steel, and the introduction of armco crash barrier beam bolted to each post, subtly hidden behind half round wooden clad logs to provide an all round aesthetically pleasing finish.

The clever use of Corten means the system develops a natural bronze rustic visual appearance which provides the opportunity to reduce the amount of wood required to clad the system giving rise to a more maintenance free product and long term cost effective over any other galvanised steel based product. Cost effective from the outset and throughout its life.



"IDRO"



"TREVIADE"
H1 W4 single sided system



Standards

All our road restraint systems have been impact tested to EN 1317

Each system is supplied complete with Product Conformity CE Mark and certificates of sustainability PEFC.

Pressure treated wood with chromium and arsenic free preservatives.

Saving the planet.
All our systems are 100% recyclable



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H2 W5 central reserve system in wood

TREVIAD E Corten steel guardrail



Systems

We can provide a wide range of systems depending on containment class and working width.

Systems also include full round log, car park systems and handrails.

FerroStrada is proudly supplying general fencing products, pedestrian parapets railings and protective screens manufactured from 100% recycled plastics

We are helping the environment and by using FerroStrada Go-Green materials you can too.

Ask about our solar canopies for rail platforms, car parks, bus shelters, cycle racks and more.

TREVIAD E SYSTEMS AVAILABLE

System	Post Centres	Beam Length	Working Width N1	Working Width N2
TRV-2M	2.0	4.0	W1	W2
TRV-3M	3.0	4.0	-	W3
TRV-4M	4.0	4.0	W2	W4
TRV-6M	6.0	4.0	W3	W5

TEST RESULTS

System	Post Centres	Beam Length	Working width	Vi	Dynamic Deflection	ASI
TRV-2M	2.0	4.0	W2	0.8	0.7	A
TRV-3M	3.0	4.0	W3	1.0	0.9	A
TRV-4M	4.0	4.0	W4	1.1	1.0	A
TRV-6M	6.0	4.0	W5	1.4	1.2	A

