Corus Construction and Engineering Products (CEP)

Vetex™ Safety Barrier Systems

Vetex™ End Terminals

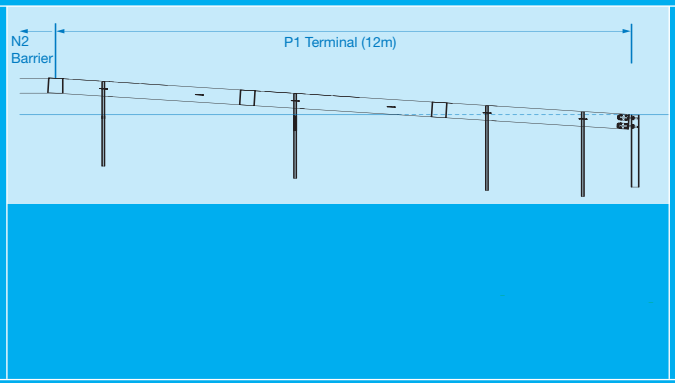
Vetex™ end terminals combine safety performance with installation ease:

- **EN1317 accredited**
- **Improved safety performance**
- **Driven and straight ended detail: ideal where space is limited**
- **Installed in one visit**
- **Low maintenance**
- **Seamless connectivity with existing UK barrier**

Specifications

End Terminal	
Performance Class	P1
EN1317 Accredited	Y
ASI Rating	A
Deflection Rating	x1,y1
Velocity mph (km/h)	50* (80)
Installed Length (m)	12

*Also approved for 70mph departure end



Application

- Vetex™ P1 offers similar advantages over traditional P1 terminals

Vetex™ end terminals are straight ended and can be installed where space is limited.

Fully compatible with existing U.K. barrier runs, Vetex™ end terminals are ideal for maintenance projects, repair and new build.

Installation & Maintenance

Vetex™ end terminals are simple and quick to install.

Vetex™ terminals do not have concrete fairing details and do not require tensioning. Vetex™ P1 can therefore be installed in as little as 1 hour, with only one site visit needed. They are driven terminals which can also be installed in concrete.

Where maintenance or repair is required, Vetex™ end terminals are ideal, being fully compatible with tensioned corrugated beam (TCB) and open box beam (OBB) barriers, in addition to Vetex™ N2 and H2 systems.

Vetex™ P1 is designed with familiar components, with LANTRA approved training available to installers.

Expert Design & Engineering

Safety is at the heart of Corus safety barrier development. The Vetex™ terminals have been engineered to offer a safer alternative to traditional terminals.

Vetex™ terminals have been specifically designed to assist in the redirection of ramped impacts in a safe and controlled way. A discrete, sloping end detail to below ground provides a robust anchorage, while ensuring that key anchorage components do not create a hazard to errant vehicles. The Vetex™ design allows a vehicle to mount the terminal smoothly, without snagging, and redirects it onto the ground, giving an improved level of safety for vehicle occupants.

With Vetex™ terminals, vehicle and barrier damage is generally lower than for collapsible mechanisms. The Vetex terminals will typically continue to maintain robust anchorage of the adjacent barrier upon impact, thus maintaining safety performance. The barrier system will therefore continue to be effective.

Corus use advanced simulation technology to predict the behaviour of safety barrier and vehicles upon impact. By adopting this innovative approach to design, Corus has an in-depth understanding of barriers, terminals and vehicles during impacts. Developing this expertise has been instrumental in the design and performance of Vetex™ systems.

Corus driving safety forward.

Also available in the Vetex™ range:

Vetex™ N2 Barrier

Vetex™ H2 Barrier

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