

Ermes ET 50

Energy-Absorbing End Terminal, CEN/TS 1317-7, speed class T50

TECHNICAL FEATURES

Description

Fully redirective (Z1 D1) energy-absorbing end terminal for the T50 speed class, compliant with CEN/TS 1317-7 and approved as an end terminal by the Italian Ministry for Infrastructures and Transport. Delivered pre-assembled and double-sided, it covers the starting part of guardrails and concrete barriers, connects to permanent and temporary barriers, is entirely steel and fully repairable with no routine maintenance.

CEN/TS 1317-7
Compliant

T50
Speed class

Fully Redirective
Z1 D1

Double-Sided
Both sides

Repairable
Reusable

PRODUCT FEATURES

Category	End Terminals, Energy-Absorbing
Product type	CEN/TS 1317-7 end terminal, T50
Application	Guardrail and concrete barrier beginnings, verge and median barriers
Directionality	Double-sided, crashes from both directions
Redirection	Fully redirective (Z1 D1)
Stand-alone	No (connected to the barrier)
Barrier compatibility	Permanent and temporary barriers, various barrier types
Repairability	Completely repairable, no routine maintenance
Delivery condition	Pre-assembled, installation in approx. 30 minutes

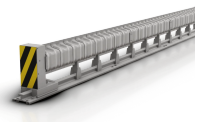
APPROVALS & TESTING

Test standard	CEN/TS 1317-7 (end terminals)
Speed class	T50
Approval	Approved as end terminal by the Italian Ministry for Infrastructures and Transport
CE marking	Not applicable as end terminal (CE marked as crash cushion, Ermes CC)
Performance class	Fully redirective, Z1 D1

DIMENSIONS

Component	Value
Length x width x height	2250 x 290 x 620 mm
Anchoring	2 driven posts, 1000 mm depth
Material	Entirely steel

Ermes ET 50 completes the Ermes ET range below the T80 (3530 mm) and T110 (5838 mm) terminals. Values per the manufacturer brochure Rev. 01/2025. Its compact 290 mm width keeps the footprint on the road to a minimum at low-speed urban and secondary-road terminations.



CRASH-TEST VIDEOS

Ermes T1 crash test: vimeo.com/729942837/80e6b69f35

Ermes T2 crash tests: vimeo.com/731627385/d65c42840e