

Andromeda H2

Longitudinal Barrier, Containment Level H2 (CE-certified per EN 1317-2)

TECHNICAL FEATURES

Description

Modular hybrid longitudinal barrier with bridge-parapet construction (rails and posts). Designed for verge or single-line median use on bridges, motorways and city streets. Provides H2 containment with W1 working width and only 17 cm cross-section. EPD-certified low-CO₂ manufacturing. Compatible with smart sensors for impact, temperature and queue detection.

CE
Certified

EN 1317-2
Tested

H2
Containment

W1
Working width

ASI B
Severity

EPD
Certified

PRODUCT FEATURES	
Category	Longitudinal Barriers (Bridge / Median / Verge)
Product type	Modular hybrid longitudinal barrier
Application	Bridges, motorways, city streets (verge or single-line median)
Material	Steel
Construction	Bridge-parapet with rails and posts
Sustainability	EPD certified, low-CO ₂ manufacturing
Smart integration	Impact, temperature and queue detection sensors compatible
Finish	Paintable for aesthetic integration

APPROVALS & TESTING	
Test standard	EN 1317-2
Containment level (Aufhaltestufe)	H2
ASI (Acceleration Severity Index)	B
Working width (Wirkungsbereich)	W1
Vehicle intrusion (VI)	VI2
Dynamic deflection (dyn. Auslenkung)	0,5 m
Minimum length of need (Wirklänge)	48 m
Certification	CE Certified
Crash test 1	TB11: 900 kg / 100 km/h / 20°
Crash test 2	TB51: 13000 kg bus / 70 km/h / 20°

DIMENSIONS	
Component	Value
Module length	6,0 m
Width (cross-section)	17 cm
Height from ground	1,0 m
Post spacing	2,0 m
Anchoring depth	22 cm

Andromeda H2 combines the slim profile of a guardrail with the deflection control of a concrete barrier, providing a high-containment hybrid solution for bridges and median installations.

