

Leonidas 110 W

Wide Redirective Crash Cushion, EN 1317-3, 110 km/h, Wide

TECHNICAL FEATURES

Description

High-performance redirective crash cushion in wide configuration for wider obstacles, CE certified and tested per EN 1317-3 for the 110 km/h speed class. Entirely steel, delivered pre-assembled, fully repairable after impact and certified also on asphalt. Connectable to the smart monitoring app for smart monitoring.

CE
Certified

EN 1317-3
Tested

Fully Redirective
Z1 D1

Repairable
Reusable

Asphalt
Certified

PRODUCT FEATURES

Category	Crash Cushions, Redirective
Product type	EN 1317-3 crash cushion, 110 km/h, wide
Application	Permanent protection of wide obstacles on roads and motorways
Redirection	Fully redirective (Z1 D1)
Material	Entirely steel
Repairability	Fully repairable after impact
Delivery condition	Pre-assembled, easy and fast installation
Surface	Certified also on asphalt
Barrier compatibility	Connection to different types of barriers
Smart integration	Connectable to the smart monitoring app

APPROVALS & TESTING

Test standard	EN 1317-3 (crash cushions)
Speed class	110 km/h
Certification	CE certified
Performance class	Redirective, Z1 D1

DIMENSIONS

Component	Value
Length (L)	6130 mm
Front width (FW)	1300 mm
Rear width (RW)	2520 mm
Height (H)	770 mm
Anchoring holes	22
Material	100% steel

Leonidas is the high-performance crash cushion family, tested at 130 km/h and available in Parallel, Wide and Semi Wide configurations across the 50 to 110 km/h speed classes. Dimensions per the manufacturer brochure Rev. 01/2025; further widths (PL, WS, XWL, SW) are available on request.



CRASH-TEST VIDEOS

110 Wide crash test 1: vimeo.com/729195718/cb76cdc7b0

110 Wide crash test 2: vimeo.com/729195650/fccd750063