

# Andromeda H4b

Longitudinal Barrier, Containment Level H4b (CE-certified per EN 1317-2)

## TECHNICAL FEATURES

**Description**  
 Modular hybrid longitudinal barrier rated for the highest containment class H4b (heavy goods vehicles up to 38 000 kg). Suitable for high-risk verge and median installations on motorways and bridges. EPD-certified low-CO<sub>2</sub> manufacturing. Sensor-ready for smart road management.

CE  
Certified

EN 1317-2  
Tested

H4b  
Containment

W2  
Working width

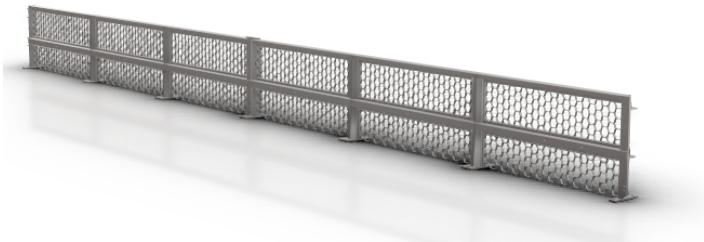
ASI B  
Severity

EPD  
Certified

| PRODUCT FEATURES  |                                                            |
|-------------------|------------------------------------------------------------|
| Category          | Longitudinal Barriers (High Containment)                   |
| Product type      | Modular hybrid longitudinal barrier, heavy-goods class     |
| Application       | Motorways and bridges, verge or single-line median         |
| Material          | Steel                                                      |
| Construction      | Bridge-parapet with rails and posts                        |
| Sustainability    | EPD certified, low-CO <sub>2</sub> 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)    | H4b                                  |
| ASI (Acceleration Severity Index)    | B                                    |
| Working width (Wirkungsbereich)      | W2                                   |
| Vehicle intrusion (VI)               | VI5                                  |
| Dynamic deflection (dyn. Auslenkung) | 0,5 m                                |
| Minimum length of need (Wirklänge)   | 52 m                                 |
| Certification                        | CE Certified                         |
| Crash test 1                         | TB11: 900 kg / 100 km/h / 20°        |
| Crash test 2                         | TB81: 38000 kg truck / 65 km/h / 20° |

| DIMENSIONS         |         |
|--------------------|---------|
| Component          | Value   |
| Module length      | 5,7 m   |
| Width (verge)      | 31,0 cm |
| Width (median)     | 43,5 cm |
| Height from ground | 1,32 m  |
| Post spacing       | 1,5 m   |
| Anchoring depth    | 22 cm   |



Andromeda H4b is rated for impacts from heavy goods vehicles up to 38 000 kg and combines a slim cross-section with full H4b containment under EN 1317-2.