# **OBEX S.CURVE TL3**

Aluminium safety barrier - 0,9 m high Tested and certified according to NCHRP 350



**OBEX Systems Ltd.** 

Vehicle containment specialist for a global market.

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### **OBEX S.CURVE 3.0S**

Aluminium safety barrier class **TL3** 







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ANCHORING

ACCESSORIES







INSTALLED ON SOIL

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#### VEHICLE IMPACT TEST (NCHRP 350)

#### **CRASH TEST**









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PERFORMANCE - TL3 (NCHRP 350)						
Test code	Impact Speed	Vehicle Mass	Impact test acceptance criteria	Working width	Severity index Occupant risk value Impact velocity	Severity index Ridedown acceleration
3-10	100 km/hr	825 kg	A, B, F, K, M	0,5 m	X=4,4 m/s Y=5,9 m/s	X=10,1 g Y=9,2 g
3-11	100 km/hr	2000 kg	A, B, F, K, M	0,7 m	X=7,5 m/s	X=10,4 g

- The OBEX Curve aluminium parapet range is tested in accordance with NCHRP 350.
- High containment performance with excellent aesthetics.
- TL4 1.090m high 3 rail tested with 3m post spacing. TL3 0.9m high 2 rail for soil applications tested at 3m spacing.
- Selection of transitions and end terminal solutions.
- All standard and expansion joints are fully strengthened and secured with bolted fixings.
- Standard components are used throughout all containment levels allowing for efficient stock management and transitions between systems.
- Aluminium Alloy type 6082 T6 is used for all rail and joint components.
- Alloy A444.0 T4 is used for cast posts providing high level impact properties.
- Excellent corrosion resistance, maintenance free and lower whole life costs.
- **Minimal load transfer to the bridge deck** on impact allowing for efficient plinth design and flexibility for upgrading works on existing decks.
- Anodised and powder coat finishes available.



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