

ProGuard ZoneStop Crash Cushion

Energy-absorbing mobile crash cushion · VVMB 351:2007 · 2000/70

TECHNICAL FEATURES

Description

ProGuard ZoneStop is a patent-pending, energy-absorbing crash cushion (traffic buffer) for temporary road works, tested to VVMB 351:2007 at 2000/70 and authorised by the Swedish Transport Administration for use on all roads up to 80 km/h. A front weight moves in a controlled way over a stable base, giving progressive three-stage energy absorption. Tested stopping distance is 19.2 m at 70 km/h (requirement max. 35 m) and 10.6 m at 50 km/h, both with a 2000 kg vehicle and impact severity class A to EN 1317.

VVMB 351

2000 / 70

ASI A

Impact severity

19.2 m

Stopping distance, 70 km/h

80 km/h

Roads up to

GENERAL

Product type	Mobile energy-absorbing crash cushion with integrated sign mast
Application	Temporary road works on roads up to 80 km/h
Accessories	Sign stand Art. 10525 · sign base Art. 10534 · front sign Art. 10516 · spare parts 10471 to 10534

DIMENSIONS & WEIGHT

Length	2.3 m
Width	3 m
Height	0.9 m · 2.3 m with mast raised
Weight	1820 kg

APPROVALS & PERFORMANCE

Test standard	VVMB 351:2007, 2000/70
Authorisation	Swedish Transport Administration, all roads up to 80 km/h
Stopping distance	19.2 m at 70 km/h (requirement max. 35 m) · 10.6 m at 50 km/h · 2000 kg vehicle
Impact severity	Class A to EN 1317
Energy absorption	Progressive three-stage, front weight moving over a stable base

HANDLING & FEATURES

Sign mast	Raised and lowered by one person, locks with hand-wheel, folds for stacking three high
Handling	Integrated lifting yoke: forks, chain or grapple · liftable under the concrete weights
Power	Side-mounted lockable battery box for warning lights



ProGuard ZoneStop is authorised by the Swedish Transport Administration for use on all roads up to 80 km/h. The modular construction is refurbishable after an impact: wear parts are replaced instead of the whole unit.