

Summary

Test Reference K0019
 Test Agency MIRA Ltd, Watling Street, Nuneaton, Warwickshire,
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Product

Manufacturer Marshalls Mono Limited
 Birkby Grange
 Birkby Hall Road
 Huddersfield. HD2 2YA

Designation 75/40 Igneo Seat

Brief Description Steel reinforced concrete seat in two halves with a steel arm-rest joining the two parts with locating pins. Installed into steel reinforced concrete foundation 2400x1600mm with two part pour and overall depth 500mm.

Drawings Supplied 12th January 2011

Installation of Foundation (Date) 1st March 2011

Installation of Product (Date) 3rd March 2011

Test Vehicle

Make/Type Leyland DAF 45 Flatbed
 VIN XLRAE45BFOL239677
 Kerb Weight (kg) 3880
 GVW (kg) 7500

Impact Specification

Mass (kg)	7500	7460
Speed (km/h)	64	62.9
Angle (deg)	90	91.9
Energy (kJ)	1185	1138

Test Result description Vehicle halted on top of product and significantly disrupted. Cab partially detached, Load-bed detached but still in place. Product chipped and moved within foundation. Foundation unmoved and undamaged. No clear gap left.

Penetration

Dynamic Vehicle Load-bed Penetration (m)	3.7
Static Vehicle Load-bed Penetration (m)	3.7
Dispersion of Debris (m)	No Debris
Performance Classification – Vehicle impact Test	
Performance Classification:	V/7500(N2)/64/90:3.7/0.0
Note: not given for load-bed penetration > 25m	
Product Type	Seat
Test Mass (kg)	7460
Test Speed (km/h)	62.9
Vehicle Penetration (m)	3.7 static & dynamic
Dispersion of Debris (m)	0.0
Engine Running post test	No
Vehicle Driveable Post test	No
Follow-on vehicle could pass barrier	No