

SUMMARY

Test Reference

J0071

Test Agency

MIRA Ltd, Watling Street, Nuneaton,
Warwickshire, CV10 0TU, UK
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Product

Designation
Brief Description

Marshalls 75/50 Giove Planter
Polished concrete plant pot covering Steel Tubular Frame
(previously tested without pot)

Drawings Supplied
Installation of Foundation (Date)
Installation of Product (Date)

16th April 2010
26th June 2010
13th July 2010

Test Vehicle

Make/Type
VIN
Kerb Weight
GVW

Iveco Ford ML180E24 / Flatbed (conversion)
ZCFA1TJ0102390507
6520
7500

Impact Specification

Mass (kg)
Speed (km/h)
Angle (deg)
Energy (kJ)

Target	Achieved
7500	7480
80	80.5
90	90.4
1852	1874

Product Result

Outer pot shattered, front of vehicle launched over inner frame vehicle halted by rear axle contact with frame. Vehicle disabled and no clear gap left.

Penetration

Dynamic Vehicle Load-bed Penetration (m)
Static Vehicle Load-bed Penetration (m)
Dispersion of Debris (m)

3.81
3.15
35.54

Manufacturer

Marshalls Mono Ltd, Birkby Grange
Birkby Hall Road, Huddersfield, HD2 2YA

PAS68:2010 Performance Classification – Vehicle impact Test

Performance Classification:

V/7500(N3)/80/90:3.8/35.5

Note: not given for load-bed penetration > 25m

Product Type
Test Mass (kg)
Test Speed (km/h)
Vehicle Penetration (m)
Dispersion of Debris (m)

Planter
7480
80.5
3.8
35.5

Engine Running post test
Vehicle Driveable Post test
Follow-on vehicle could pass barrier

No
No
No