

DELTA MODEL DSC50 BALLISTIC RESISTANCE

SYNOPSIS

UL 752 is the industry-recognized standard for evaluating the ballistic resistance of equipment, in this case barrier. The standard defines specific threat levels based on projectile type, caliber, velocity, distance, and number of shots.

The DSC50 Portable Barrier System has been tested as a single barrier in accordance with UL 752, Standard for Bullet-Resisting Equipment, and achieved the following ballistic resistance classifications:

- UL 752 Level 9
- UL 752 Level 10

Ballistic Test Conditions

- Level 9
 - Test distance: 15 ft
 - Impact angle: 0°
 - .30-06 M2 Armor-Piercing (AP) projectile
 - 163.8 grain
 - Required velocity: 2715 – 2987 ft/s
 - Average velocity recorded: 2923 ft/s
 - No penetration
- Level 10
 - Test distance: 15 ft
 - Impact angle: 0°
 - .50 Caliber M2 Ball projectile
 - 697.3 grain
 - Required velocity: 2810 – 3091 ft/s
 - Average velocity recorded: 2917 ft/s
 - No penetration

CONFIGURATION

- 1.0 The single DSC50 Portable Barrier System consists of three welded steel plates that form the two outer side plates and the center ballistic plate. The center ballistic plate evaluated during testing for both UL 752 Level 9 and UL 752 Level 10 classifications was fabricated from 0.5 in (12.7 mm) steel. The barrier includes a rear stand that is designed to provide stability and to shear off during vehicle impact. Two-foot plates integrated with rubber pads provide additional friction to aid stopping the vehicle.
- 1.1 Finish. The barriers shall be covered in standard paint. (Special color, type and patterns are optionally available).

2.0 PROCUREMENT SOURCE

- 2.1 The Model DSC50 shall be purchased from:

DELTA SCIENTIFIC CORPORATION

40355 Delta Lane Palmdale, California 93551, USA

Phone (661) 575-1100

Email info@deltascientific.com