

CRASH BLOCK 50 TESTED TO IWA 14

THE WORLDS MOST VERSATILE SURFACE MOUNT FREE STANDING CRASH RATED BLOCK

STOPS A 18 TONNE GVW TRUCK TRAVELING AT 50MPH/80KM/H



TRAFALGAR SQUARE LONDON. UK

**THE WORLDS ONLY HIGH SPEED MULTIPLE CRASH TESTED BLOCK
TESTED BOTH FRONT FACE AND GAP BETWEEN**



Applications

- ▶ Shopping Centres
- ▶ Nuclear Sites
- ▶ Sports Arenas
- ▶ Police Stations
- ▶ Airports
- ▶ Critical Infrastructure
- ▶ Government Buildings
- ▶ Conference Centres

Patent granted.

PROVIDING INSTANT H.V.M PROTECTION

As the growing threat of Vehicle Terrorist Attacks* on the public gets worse, new ways of stopping them have been developed by Safetyflex's design team to give instant H.V.M Protection. Crash Block 50 is a surface mount block that has a special, unique design that lets the block just sit on the surface of the ground with no ground fixing. It is completely free standing and can stop a 18 tonne GVW truck travelling at 50mph/80km/h.

Four high speed impact tests were carried out on the block at (Horiba Mira) UK, vehicle impact tested centre to BSI IWA14 impact test. The first test was at 30mph/48kph at 90 degrees with a 7.5 tonne truck into the front face of the block. The second test was 40mph/64kph at 90 degrees with a 7.5 tonne truck into the face of the block. The third test was an 18 tonne truck at 50mph/80kph at 90 degrees into the end face of the block. All tests were carried out on the same block.

* The blocks are bullet proof and can be used as a retreat area.

* The blocks can also be used for flood defence.

INSTALL TIME ONLY ONE HOUR
SECURITY FROM VEHICLE ATTACKS
FOR BOTH TEMPORARY AND PERMANENT EVENTS

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NO GROUND FIXING REQUIRED - FREE STANDING

A selection of installs



BONUS TEST

The blocks were impact tested at 90 degrees into a gap of 1.2 meters between the two blocks at a speed of 30mph/48kph with a 7.5 tonne truck crashing into the gap with a result of 2.9m penetration only.

The great advantage with Crash Blocks are that they can be permanent or temporary solutions as it only takes hours to install. They can also be dressed in a cladding of choice, or fitted with a planter with seating benches. All work can be done without disturbing existing ground work. Note that if you don't concrete it in the ground you can move it around.



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PERFORMANCE CLASSIFICATION

IWA14-1:2013 WALL V/7200 [N3C]/80/90:19.1 END FACE
IWA14-1:2013 WALL V/7200 [N2A]/64/90:6.7 FRONT FACE
IWA14:2013 WALL V/7200 [N2A]/48/90:4.1 FRONT FACE
IWA14-1:2013 WALL V/7200 [N2A]/48/90:2.9 FRONT FACE INTO GAP
ASTM F2656 M40-P2
PAS 68-1:2013 V/7500 [N2]/64/90/5.5

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