

Fusolve Protection Blocks (FPB) Mobile Modular Bunker Building System

FPB 380 / FPB 382 / FPB 383

FPB mobile and Modular Bunker Building Systems are designed for the rapid assembly of protective structures of any complexity viz Armoured checkpoints, Armored protective shelters etc...

Convenient assembly and disassembly of the structure – mounting blocks designed for easy handling and fast build up, just two people can construct a structure. The method of mounting blocks - spike in the groove + plate coupler.



Fusolve Protection Levels

Tests of FPB for bullet resistance were carried out with combat service weapons with armour-piercing and heat-strengthened cartridges in accordance with the requirements of GOST R 51112-97, GOST R 21112-97, GOST R 50963-96 (AK-74 cartridge of 5.45 mm 7H10 with a bullet PS, RPK 7.62 mm 57-H-231 caliber cartridge, SVD 7.62 mm 57-N-231 and B32 caliber cartridge, BCC, 9.39 mm SPb cartridge, SPB, OSV-96 12.7 mm caliber cartridge). Shooting at the blocks was conducted from a distance of 40 meters.

FPB 380

The result of testing blocks FPB380.

Bullets caliber 7.62 mm and 12.7 mm.

Penetration through not fixed.

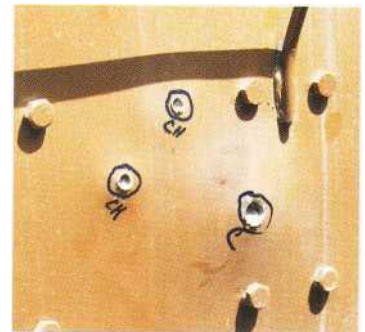


FPB 380

The result of testing blocks FPB 380.

Bullets caliber 12.7 mm.

Penetration through not fixed.



FPB 382

The result of the shelling of FPB 382.

Bullets caliber 5.45 mm, 7.62 mm and 9.39 mm.

Penetration through not fixed.



FPB 383

The result of the test blocks FPB 383.

Bullets caliber 5.45 mm, 7.62 mm, 9.39 mm and 12.7 mm

Penetration through not fixed.



THE METHOD OF MOUNTING BLOCKS SPIKE IN THE GROOVE & PLATE COUPLER



FPB 380

Design

Steel Case Filled ultra high strong concrete (UNRS)

Resistant to impact (bulletproof):

AK-74, AKM, SVD, armour-piercing special ammunition: machine gun CORD, armour-piercing cartridge.

Bulletproof class 6a GOST R 51112-97
Bullet resistance class Brb GOST R 50963-96

FPB 382 / FPB 383

Steel Case with armour panels and anti-ballistical materials. Design is stable to multiple hits ammunition.

AK-74, AKM, hand grenade, SVD armour-piercing caliber 7.62; 12.7

Bulletproof class 6a GOST R 51112-97

Height mm	300	300
Width, mm	450	450
Depth mm	200	200
Weight, kg	76	25/35
Installation time 1 block	45 seconds	15 seconds
Assembly time 1 sq. M	4 min 30 seconds	1 minute. 30 seconds



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