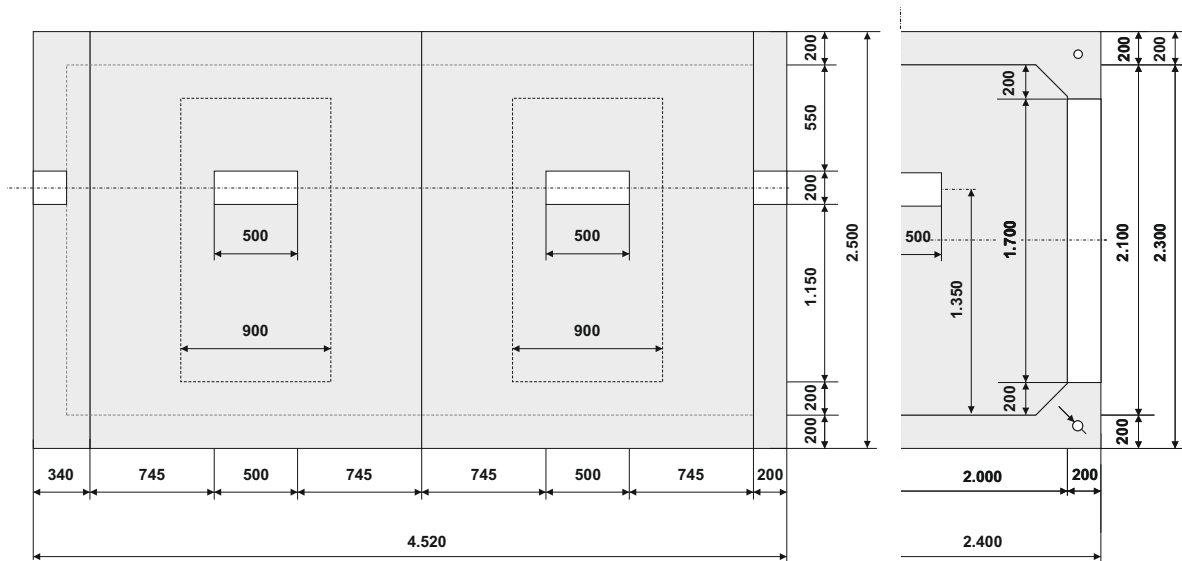
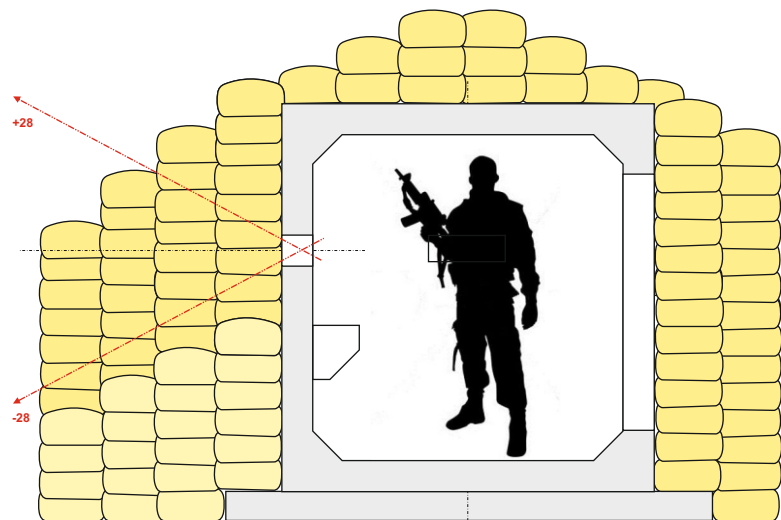


EXTENDED INFANTRY BUNKER. FOR FOUR RIFLEMEN, TO PROTECT A 10-MAN SQUAD.

A first-line position to slow or stop an enemy attack. A defensive mobile military fortification to protect a live force from drone attacks, artillery fire, grenades, and to waging a defensive fight on the line of defense.



To increase the effectiveness of the protection, it is beneficial to partially embed it in the ground as part of the trench system and to reinforce the protection by lining it with natural material. Variably fitted universal building segment with embrasures, observations slits, entrance hole. Advantage of quick assembly and modular assembly to create a complex defence system.

NATO - STANAG 2280 : 2016 STANDARDS.

BY NATO - ATP-3.12.1.8 TEST PROCEDURES AND CLASSIFICATION OF THE EFFECTS OF WEAPONS ON STRUCTURES

STANAG 2280, Ed. 2.

	A	B	C	D	E
	Projectiles	Direct Fire Warheads	Indirect Fire Munitions	High Explosive (TNT Eqvt)	Moving Vehicles
Severity of Effect (level)	6. Automatic canon 30 mm APDS	Advanced ASM Anti Structure Munitions	240 mm Rocket	≤ 50 kg	Tracked Vehicle
	5. HMG 14.5 mm (0.57)	Tandem ASM	155 mm Mortar 122 mm Rocket	≤ 10 kg	Large Truck ≤ 32,000 kg
	4. HMG 12.7 mm (0.50)	Anti-personel Thermobaric conventionalcharge < 2.5 kg	120 mm Mortar 107 mm Rocket	≤ 2 kg	Truck ≤ 7,500 kg
	3. Assault / Sniper Rifle 7.62 mm AP	Anti-tank Shaped charge	82 mm Mortar	≤ 1 kg	Small Truck ≤ 2,500 kg
	2. Assault Rifle 5.56 - 7.62 mm Ball	40 mm Rifle grenade shaped charge	60 mm Mortar	≤ 0.5 kg	Passanger Car ≤ 1,500 kg
	1. Pistol	(reserved)	Hand grenade	≤ 0.1 kg	Motorcycle

TECHNICAL DATA.

Construction characteristics

Total volume	16,72 m ³
Inner standing area	07,96 m ²
Specific weight	02,50 t/m ³
Total weight	25,35 t
Built-up area	11,37 m ²
Load per m ²	02,23 t
Outer surface of the element	56,10 m ²

Capability

- o To create a comprehensive defence system.
- o Rapid and operational mobility, repeated reusability.

