

BALLISTIC WALLS.

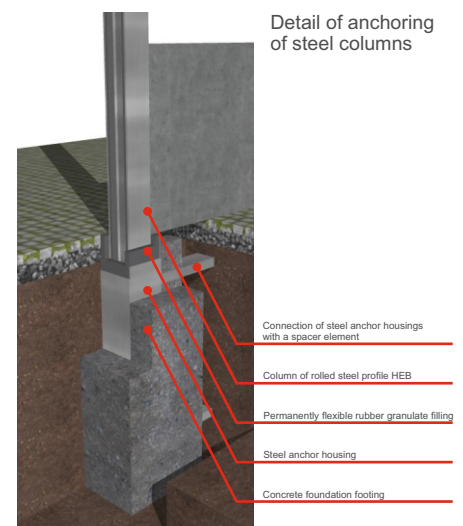
A. Protection of military infrastructure.

- Aircraft shelters, flight control stations, command posts, radar systems, aviation fuel depots, air defence stations and other selected airport infrastructure facilities.
- Ammunition depots, fuel depots, combat equipment parks, air defence sites, command facilities and other important ground infrastructure facilities.

B. Protection of civil infrastructure.

- Power plants, transformer stations, important population supply depots, drinking water supplies, hospitals and their backup generators, and other important civil infrastructure facilities.

DESIGN. ON LINE OR SIDE BY SIDE. IN LIGHT AND HEAVY VERSION. WITH 160/200 MM WALL THICKNESS.



The wall is designed to protect against the effects of a charge of up to 100 kg TNT at a distance of 5 metres. In the event of damage following an attack, the design is relatively easy to repair due to the standardised and interchangeable interchangeable elements with the ability to effectively dissipate the energy of the blast wave. The design also allows for easy repair or reassembly and disassembly of the protective structure.

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.

Classes of Resistance: A4, C4, D6 for element wall thickness 100 mm.
Classes of Resistance: A5, C4, D6 for element wall thickness 200 mm.

	A Projectiles	B Direct Fire Warheads	C Indirect Fire Munitions	D High Explosive (TNT Eqvt)	E 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 „LIGHT / HEAVY“

Height above ground	4 / 4 m
Total element height	6 / 6 m
Total element width	5,01 / 5,01 m
Outer surface	40,08 / 40,08 m ²
Weight ON LINE	4,69 / 4,98 t
Weight SIDE BY SIDE	6,41 / 6,69 ²

Capability

- o Reinforcement of military and civilian objects.
- o Without affecting the integrity of the facility.
- o Simple replacement of the damaged part.

