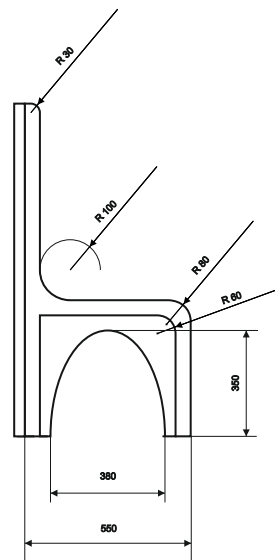
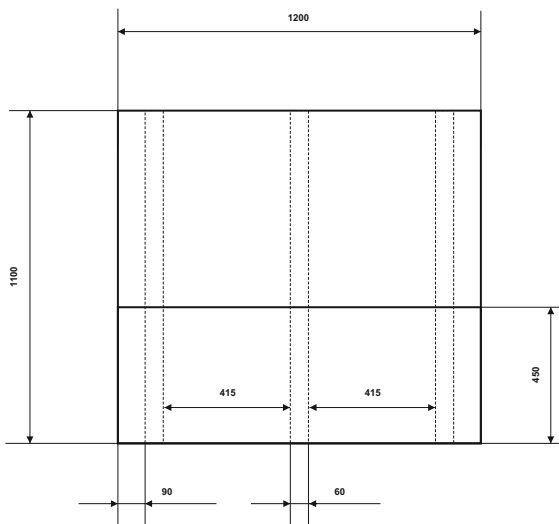


BALLISTIC CONCRETE BENCHES.

To strengthen the defence of the inner perimeters of military and civilian airports, protection of foreign embassies, public administration buildings, access roads to urban centres, defence of critical infrastructure, both military and civilian.



IN LIGHT AND HEAVY VERSION



It is characterized by high resistance to the effects of the blast wave and to penetration by conventional projectiles, shrapnel and secondary shrapnel. Captures and diverts pressure wave, prevents the penetration of a passenger vehicle into the protected perimeter.

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: A3, C4, D6 for element wall thickness 100 mm.
Classes of Resistance: A5, C4, D6 for element wall thickness 200 mm.

	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	0,17 m ³
Specific weight	2,50 t/m ³
Total weight	0,46 t
Seating area	0,66 m ²
Load per m ²	0,69 t
Element surface	3,06 m ²

Capability

- o Anchoring the element to any ground.
- o Mounting elements in a linear row or back to back.

