

PABARO System

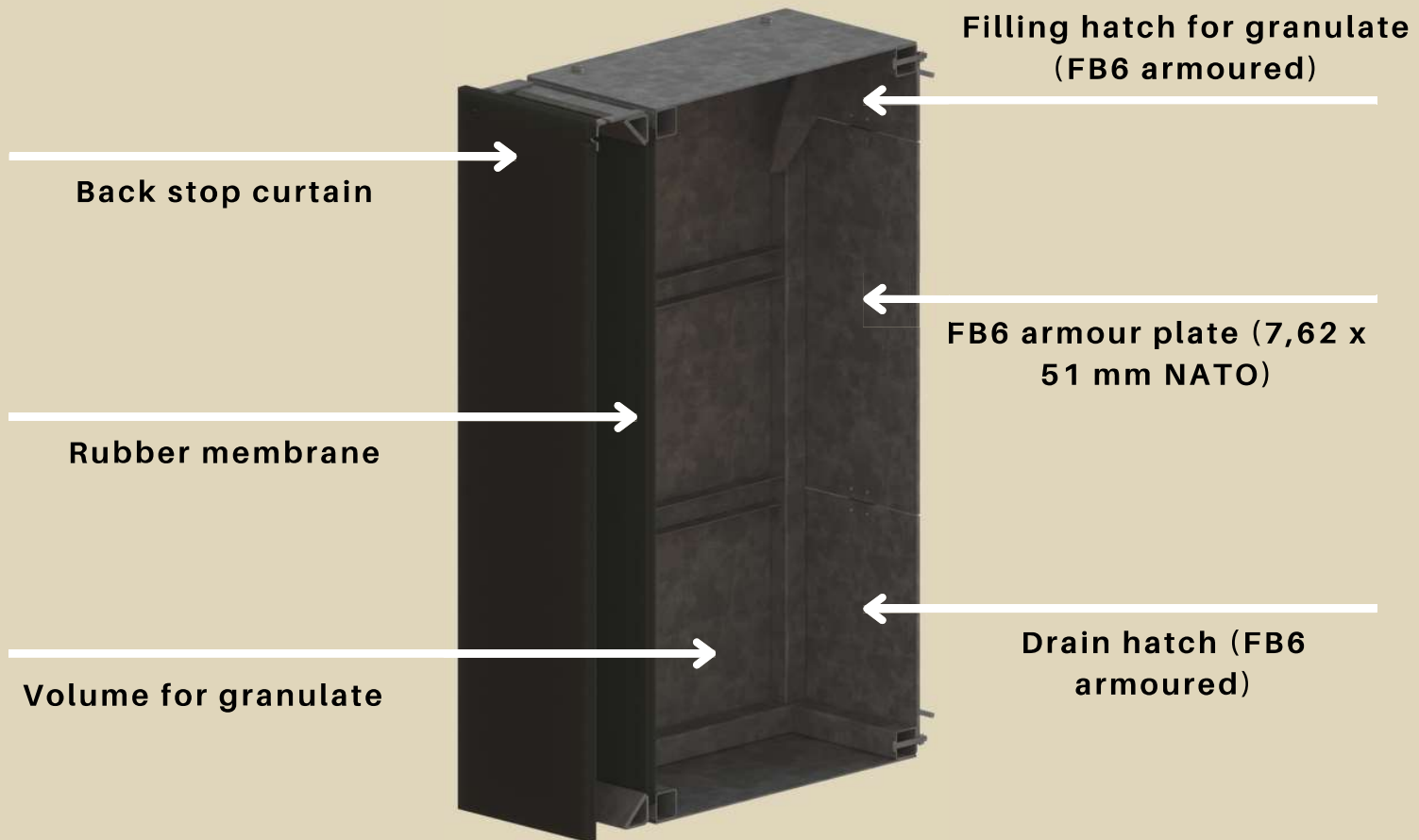
Compact bullet trap

Data sheet



PABARO is a compact bullet trap, that stops FMJ bullets by quick deceleration in a ballistic polymer.

Bullets passes through the back-stop curtain, then the rubber membrane, before being slow down by the friction effect of the polymer granulate.



Characteristics

Type: Bullet trap

Calibers: All FMJ calibers, up to 12.000 joules.

Chassis and unarmoured plates: Hot-dip galvanized steel.

Rubber membrane: 16 mm ballistic rubber.

Back stop curtain: 16 mm ballistic rubber (on steel brackets).

Armour type of the concerned elements: FB6 (7,62 x 51 mm NATO).

Granulate: Balliflex polymer.

- Dimensions : L 1000 mm x W 500 mm x D 400 mm
- Weight (without granulates) : 115 kg
- Weight (with granulates) : 230 kg

installation

PABARO is stable and must be placed on a flat surface.

In the case of an installation with Athena ballistic blocs (recommended), follow the instructions on the installation & maintenance guide.

Fill the PABARO with 8 bags of Baliflex granulate and tamp it to the top.

Leave a 1 meter wide space behind the back of the PABARO and the range's wall, in order to facilitate the access for PABARO's drain.

Safety warning : Every shooting range must insure that no bullets could ever get out of the range, even behind the bullet trap (Safety wall in concrete, armoured steel or sand berm).

Use

PABARO can be used alone or associated with Athena rubber blocks, in order to create a complete bulletproof ballistic wall.

Once ready, PABARO can take up to 5 000 FMJ bullets of 12.000 joules max, before being drained.

PABARO can be shot at every distances, but the bullet must always enter perpendicularly in the rubber membrane.

Drain

PABARO is designed to be drained before 5000 rounds (see the maintenance guide).

A complete visual inspection must be carried out in each drain maintenance, in order to check that no bullet has damaged the plates or chassis . If it is the case, prepare the replacement of the damaged part, with the support of Go Shoot Systems.