

OUTDOOR & INDOOR SHOOTING RANGE EQUIPMENT

OUTDOOR BULLET TRAPS

THE STAPP EBC – PATENTED SYSTEM

STAPP EBC is the only bullet catcher of its kind with the ability to comply with strict environmental standards. The EBC capture system is equipped with a self-sealing membrane that closes after the ammunition passes through it, minimizing the potential for water to enter the system.

In the event water does enter the system, a collection tube retains any seepage of water under the top membrane and is extracted and handled appropriately.

It is an environmentally friendly, economical, and safe alternative to the conventional gravel or dirt berm backstops used at live fire ranges used by military and civilian shooters. Pollution from lead-based bullets and projectiles is collected in a safety fitting in completely secure conditions.

This eliminates the risk of lead fragments leaching into the ground water table which causes long-term and severe environmental damage and is expensive to remediate. Additionally, the STAPP EBC eliminates ricochet rounds even at extremely cold temperatures.



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BENEFITS

100% ricochet free

No risk of ricochets when rounds strike the safety fitting or target area in any weather.

Intact bullets

The EBC consisting of an elastic top cover of rubber and a projectile stopping material of rubber granules makes the bullets intact inside the EBC.

Tracer bullet

Tracers can be used without risk.

No fire risk

Fire needs oxygen, which the bullet catcher do not have. The EBC is completely shut because of the elastic rubber top cover.

All Weather friendly

Passed US Military hot and cold weather testing.

Customized size

STAPP EBC can be built of unlimited size. All for you to get the size needed for your exercises. For outdoor or indoor use.

Low life-cycle cost

With a STAPP EBC you avoid expensive costs that come with meeting all environmental regulations. Rubber membranes are typically 3-4 years before repair is needed for normal activity. From a 10-year perspective, the EBC has a huge advantage financially. One must not forget that the environment is protected.

100% toxic free

STAPP EBC is the only backstop in the world that collects all small arms ammunition without letting the environment will be affected. All toxic chemicals end up safely inside the EBC and emptied under safe conditions when needed. Nothing comes out of nature.

Recycled materials

All materials consist of 100% recyclable material. This means that in the event of removal or relocation of the EBC, it will not affect the environment.

Patented

STAPP EBC is patented in large parts of Europe and the United States. The patent ensure the quality of the system.

Small arms calibers

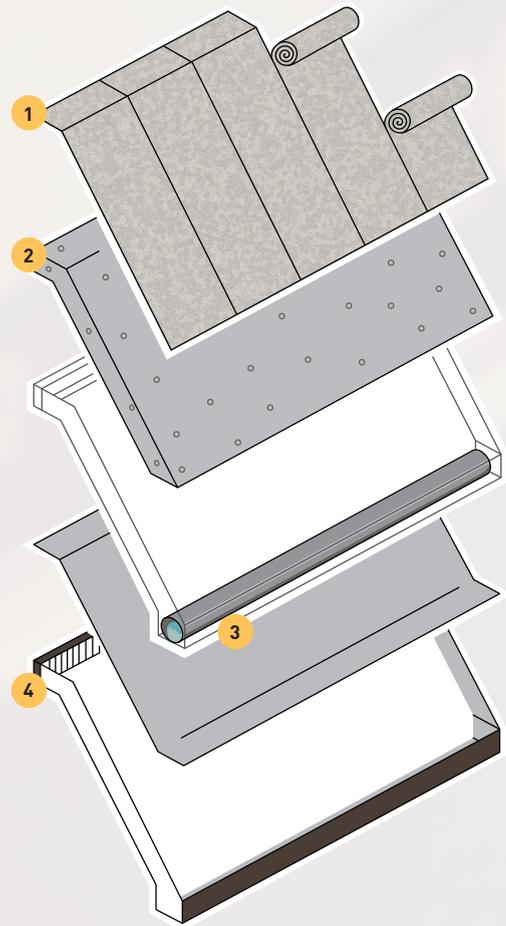
Handles projectiles up to .50 caliber, with standard depth of the stopping material. Caliber .50 can be used by increasing the depth of the granular in the trap.

Capacity

Experiments show that STAPP EBC capable of handling more than 30,000 projectiles against a precision 60 x 60 cm² target.

Rebuild existing berms

Can be used to cover already contaminated berms to prevent leaching of existing lead in the berm. Capping a range is safe, environmentally friendly and avoids remediation costs.



1 TOP COVER

A self-sealing rubber membrane that closes after the ammunition passes through it, prevents ricochets and minimizing the potential for water to enter the system.



2 FILLING

A projectile stopping material of rubber granules makes the bullets intact inside the EBC. Tracers can be used without fire risk.



3 GEOMEMBRANE/COLLECTION TUBE

A projectile stopping material of rubber granules makes the bullets intact inside the EBC. Tracers can be used without fire risk.



4 FRAME

Consists of an inclined ballistic panel covered with STAPP Riko plank. The projectile penetrates the Riko plank and is stopped by the hardened steel but can not ricochet through the miniature holes formed in Riko plank.



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