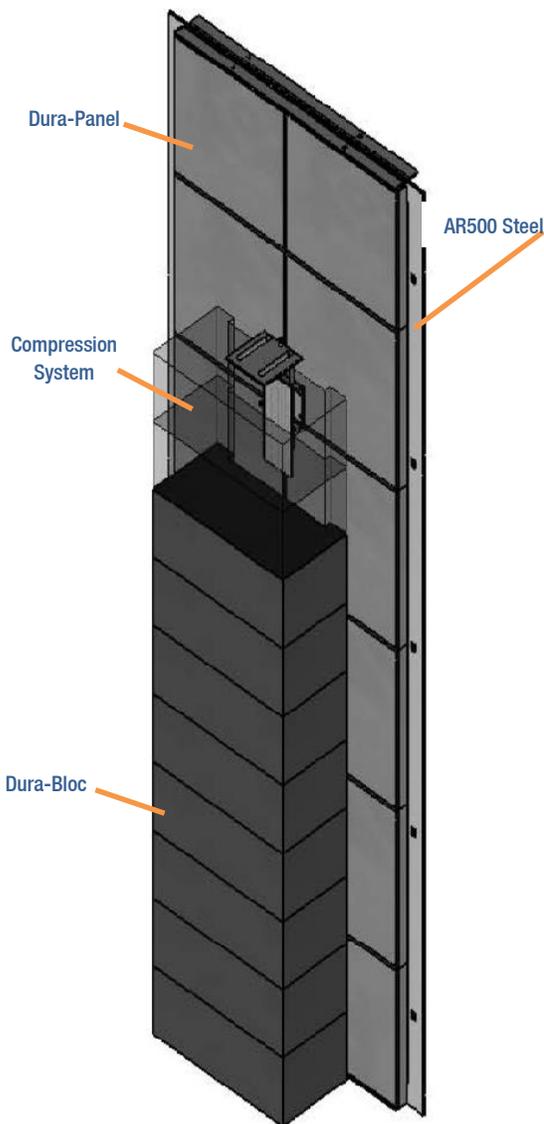




Range Systems Dura-Bloc™ EXP rubber composite product virtually eliminates the hazards of ricochet and splatter, minimizes airborne lead contaminants, and offers ballistic capabilities no other material can match. Although the use of tracers is prohibited, independent testing has verified that EXP® ballistic rubber contains properties that reduce the risk of fire from isolated exposure to a low volume of tracers. The test results also confirm that EXP® composite rubber has fire extinguishing properties. No other company can make this claim about their ballistic rubber and support it with test results.



Figure A. Section view of Range Systems Encapsulator™ Wall System. Constructed of AR500 steel, Dura-Panel™ and Dura-Blocs™ with proprietary compression system.



Dura-Bloc™ Testing

Dura-Bloc ballistic rubber has been tested and approved for its capabilities and performance by the US Army Picatinny Arsenal¹, US Test Lab² (Wichita, KS), and the Research and Development Unit for Materials and Equipment for the US Army, Combat Applications Group³, Fort Bragg, NC.

1. US Army Study (Picatinny Arsenal) shows acceptable penetration and stopping power with specific use of 7.62mm (M80 Ball) and 5.56mm (M855 Ball). Field-test shows minimal ricochet at limited incidence of angle with specific use of 7.62mm (M80 Ball), 5.56mm (M855 Ball and M193 Ball) from M14 rifle, M16A2, M16A1, and the M4A1 carbine.

2. US Test Lab Study (Wichita, KS) shows bullet stopping power to 2,300 fps muzzle velocity on a 300 grain bullet striking with 3,700 foot-pounds of energy.

3. Product has been tested and approved through the Research and Development unit for Materials and Equipment for the US Army, Combat Applications Group, Fort Bragg, NC.



EXP® Rubber 30 second bunsen ignition



EXP® Rubber self-extinguishes during UL 94 test



Formulated from recycled rubber particles and our exclusive patented composition, Dura-Bloc™ EXP is cold-molded rubber for optimum durability. The unique ballistic capabilities and unmatched performance of Range Systems proprietary ballistic rubber have set the standard for range safety and sustainability. Dura-Bloc EXP ballistic rubber is designed to prevent ricochet and splatter of standard pistol and rifle rounds by capturing and encapsulating rounds and reduce the risk of fire from isolated exposure to a low volume of tracers. Three sizes of Dura-Bloc EXP are offered; Standard, Super, Three Foot Blocs, along with Corner Bloc.

Dura-Bloc™ EXP

Range Systems patented rubber composite block is designed to encapsulate ammunition up to 7.62 caliber. Its self-healing properties close the bullet's path after the round has penetrated the surface so each bullet is encapsulated inside the ballistic rubber block.

Standard Dura-Bloc EXP

Dimensions	24"L x 12"W x 9"D 610 mm x 305 mm x 229 mm
Weight	74 lbs per block 33.5 kg per block SKU #RB1011



Corner Dura-Bloc™ EXP

The Corner Dura-Bloc EXP accommodates high volume round capture for corner-placed targets in typical shoot-house configurations.

Specifications

- Dura-Bloc EXP as manufactured by Range Systems. SKU# RB1011. Made of patented rubber composite. Designed to encapsulate ammunition up to 7.62 caliber. Reduces airborne lead. Total weight: 74 lb (33.5 kg) per block. 24 inches L by 12 inches W by 9 inches H (610 mm by 305 mm by 229 mm).
- Super Dura-Bloc EXP as manufactured by Range Systems. SKU# RB1016. Measuring 24 inches by 8.5 inches by 48 inches (610 mm by 216 mm by 1219 mm). Designed to encapsulate standard ammo up to 7.62mm. 275 lb (124 kg).
- Three Foot Dura-Bloc EXP as manufactured by Range Systems. SKU# RB1014. 36 inches by 12 inches by 9 inches (914 mm by 305 mm by 229 mm).
- Corner-Bloc EXP as manufactured by Range Systems. SKU# RB1013. 34 lb (15.4 kg). 16 inches L by 8 inches W by 8 inches H (406 mm by 302 mm by 302 mm).

Dura-Bloc™ EXP ballistic rubber alone does not stop or defeat the round and must be used with appropriate steel plate backing to create the Encapsulator™ Bullet Trap System. Physical properties listed are approximate and may vary.

Dura-Bloc™ and Dura-Panel™ are licensed and manufactured under US Patent No. 5,316,708