



Formulated from recycled rubber particles and our exclusive patented composition, Dura-Bloc™ 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™ ballistic rubber is designed to minimize ricochet and splatter of standard pistol and rifle rounds by capturing and encapsulating rounds. Three sizes of Dura-Bloc™ are offered; Standard, Super, and Three Foot Blocs.

Dura-Bloc™

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 product:

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
NSN	#9320-01-565-6471 SKU #RB1000



Dura-Bloc and Dura-Panel products are the only ballistic rubber products to earn a NATO Stock Numbers (NSNs) and be carried in the NATO Codification System.



Corner Dura-Bloc™

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

Physical Properties Listed are Approximate:

- Dura-Bloc as manufactured by Range Systems. NSN: 9320-01-565-6471. 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 as manufactured by Range Systems. NSN: 9320-01-565-6464. 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 as manufactured by Range Systems. NSN: 9320-01-565-6480. 36 inches by 12 inches by 9 inches (914 mm by 305 mm by 229 mm).
- Corner-Bloc as manufactured by Range Systems. NSN: 9320-01-565-6480. 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™ and Dura-Panel™ are licensed and manufactured under US Patent No. 5,316,708



Range Systems Dura-Bloc™ rubber composite products virtually eliminate the hazards of ricochet and splatter, minimize airborne lead contaminants, and offer ballistic capabilities no other material can match. These products are the cornerstone of Range Systems Encapsulator™ bullet containment systems, shoot houses, and tactical ranges. Other ballistic rubber products available on the market do not offer the same ballistic capabilities. Don't jeopardize range safety – Be sure you are getting Dura-Bloc™, the ballistic rubber that is preferred by the US military.

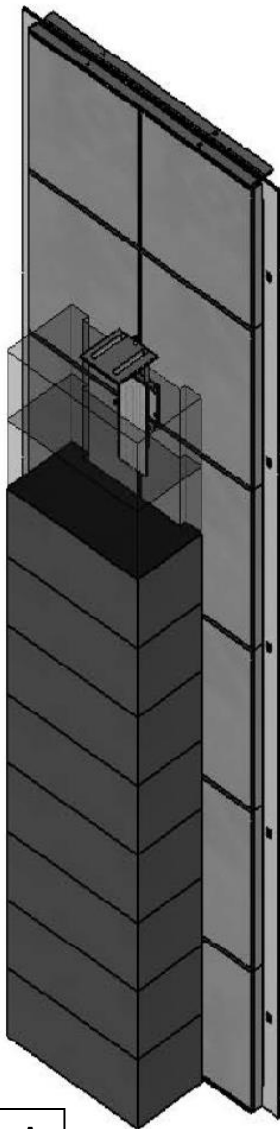


Figure A. Section view of Range Systems Encapsulator™ Wall System. Constructed of AR500 steel, Dura-Panel™ and Dura-Blocs™ with proprietary compression system.

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. No other company can state this and verify it with test results. Summaries of these reports are listed below:

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.

Figure A

Dura-Bloc™ ballistic rubber alone does not stop or defeat the round and must be used with appropriate steel plate backing to create the Encapsulator™ Wall System.