



Range Systems Dura-Panel™ 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.



Dura-Panel™ EXP

Dura-Panel™ EXP Ballistic Rubber by Range Systems is designed to prevent ricochet and splatter of standard pistol and rifle rounds up to .308 / 7.62 mm. Dura-Panel™ can be applied directly to ballistic steel, concrete, or plywood using an industrial adhesive. Each panel will take approximately 2000 rounds before replacement is required, depending on bullet type, distribution of wear, and substrate layer. Physical properties listed are approximate and may vary.

Dimensions	24"L x 24"W x 2"D 610 mm x 610 mm x 51 mm
Weight	34 lbs per panel 15.4 kg per panel SKU #RP1034

Dura-Panel™ EXP ballistic rubber alone does not stop or defeat the round and must be used with appropriate backing. Dura-Bloc™ and Dura-Panel™ are licensed and manufactured under US Patent No. 5,316,708.

EXP® Rubber Reduces the Risk of Accidental Tracer Fire

- Enhances range safety for personnel and the range environment
- Protects walls, baffles and safety ceiling in the range
- Patented cold-molded rubber captures and encapsulates bullets
- Reduces airborne lead by over 99%
- Provides anti-ricochet protection in close quarter training facilities, and indoor and outdoor ranges
- EXP ballistic rubber self-extinguishes during UL 94 test



Dura-Panel™ ballistic rubber is specified in designs for live fire shoot-houses, sidewall and ceiling applications in dynamic tactical training facilities, and baffle systems for indoor and outdoor ranges.

Specifications:

Dura-Panel Ballistic Rubber System as manufactured by Range Systems.

- Must show product is successfully installed in a minimum of ten (10) existing military installations or law enforcement agencies as the main bullet stopping/absorbing wall system.
- US Army study (Picatinny Arsenal) showing no penetration with specific use of 7.62mm (M80 Ball) and 5.56mm (M855 Ball).
- US Army study (Picatinny Arsenal) showing minimal ricochet at limited incidence of angle with specific use of 7.62mm (M80 Ball), 5.56mm (M855 Ball, M193 Ball) from M14 rifle, M16A2 and M16A1 rifle and the M4A1 Carbine.
- US Test Lab study (Wichita, KS) showing bullet stopping power to 2,300 fps muzzle velocity on a 300 grain bullet striking with 3,700 foot-pounds of energy.
- Encapsulates standard handgun, rifle, and frangible rounds when used with appropriate ballistic steel backing.
- Dura-Panel™ is cold-pressed ballistic rubber product and is not vulcanized or heat treated.
- Actual dimensions and weight may vary by panel.
- No air gap significantly reduces airborne lead particulates and being directly attached to steel or concrete without the need for wood backing to increase durability. Reduces airborne lead particles by 99% over conventional steel plate guards.
- Dura-Panel™ ballistic rubber surface facing can be replaced.
- Ballistic Rubber passes the environmental durability freeze-thaw test in accordance with Section 8 of ASTM:C67. The ballistic rubber performs better than block concrete and equal to poured concrete. Results for weight loss were less than 0.5% breakage where product didn't separate in two or more significant pieces, and cracking where the product didn't develop cracks during freezing and thawing that exceeds in length the minimum dimensions of the product.
- Paint will bond to Dura-Panel™ surface.
- Product is tested and approved through the Research and Development unit for Materials/Equipment for the US Army, Combat Applications Group, Fort Bragg, NC.
- Contains UV inhibitor for outdoor use.
- Testing for outdoor levels of lead dust and fume are less than OSHA PEL's and the ACGIH TLV's.

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