Baffles and Safety Ceilings



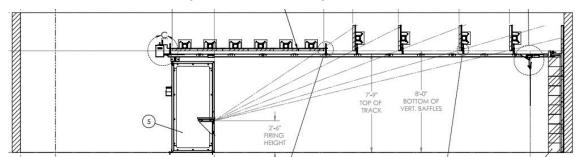
Range Systems has been an industry-leading solution provider of live fire facilities since 1994. Our team has an extensive history of engineering, fabricating and installing superior performing baffles and safety ceilings worldwide. We have set the standard for range safety, durability, unique capabilities and unmatched ballistic performance within our solutions.

At Range Systems, we understand that every project is unique and requires thoughtful planning and consideration. Through decades of experience our team is ready to work with you in selecting the right baffle and safety ceiling solution to meet your needs.

Vertical Baffles

Product Overview

Range Systems Vertical Bridging Baffles are built of 3/8" AR500 steel plate covered with 2-inch-thick Dura-Panel™ ballistic rubber adhered directly to the faceplate. The baffles are designed to bridge from concrete sidewall to concrete sidewall independent of the support of the ceiling. When used properly and shooting from the fixed line of fire, the bridge baffle sections achieve a "No Blue Sky" level of protection to defeat errant rounds, protect overhead mechanical equipment, and prevent bullets from leaving the range shell. Vertical Baffles provide more overhead coverage than traditional angled baffles while using fewer materials and do not need an overhead secondary structure for mounting.



Key Features & Benefits

- Bridges from sidewall to sidewall independent of the ceiling structure which provides major structural cost savings in situations where the ceiling will not support the additional weight of a traditional suspended baffle system
- Defeat and encapsulate rounds upon impact, significantly minimizing the hazards of ricochets and splatter
- The combination of the steel plate and ballistic rubber Dura-Panel provides a safer, cleaner, quieter and more durable range environment when compared to other options in the market
- Dura-Panel facing provides a noise reduction coefficient of .60 and a safe round bullet encapsulation up to 2,200 rounds per panel. This creates a superior solution compared to plywood with an air gap and all other ballistic facings
- The vertical orientation maximizes material usage, reducing costs when compared to angled baffles
- Ideal for existing spaces when the existing bar joist or truss systems are not capable of holding the additional weight of hanging baffles and safety ceilings



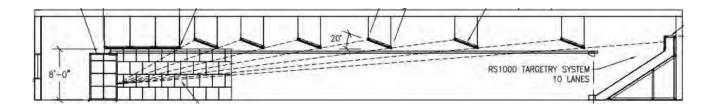




Suspended Baffles

Product Overview

Range Systems ProTacts[™] Suspended Baffles, constructed of 3/8-inch AR500 steel plate covered with 2-inch-thick Dura-Panel™ ballistic rubber adhered directly to the front face of the steel plate. These baffles are suspended from the ceiling at an angle across the width of the range from sidewall to sidewall. Baffles are designed in modular sections. When used properly and shooting from the fixed line of fire, the suspended baffle sections achieve a "No Blue Sky" level of protection to defeat errant rounds, protect overhead mechanical equipment, and prevent bullets from leaving the range shell.



Key Features & Benefits

- Designed to be suspended from bar joists or roof trusses found in typical construction methods. This reduces special design requirements and additional structural support
- **UFC-4-179-02 Compliant configurations**
- Defeat and encapsulate rounds upon impact, significantly minimizing the hazards of ricochets and splatter
- The combination of the steel plate and ballistic rubber Dura-Panel provides a safer, cleaner, quieter and more durable range environment when compared to other options in the market
- Dura-Panel facing provides a noise reduction coefficient of .60 and a safe round bullet encapsulation up to 2,200 rounds per panel. This creates a superior solution compared to plywood with an air gap and all other ballistic facings







Safety Ceilings

Product Overview

Range Systems ProTacts™ Safety Ceilings, constructed of 3/8-inch AR500 steel plate covered with 2-inch-thick Dura-Panel™ ballistic rubber adhered directly to the front face of the steel plate. These baffles are designed in modular sections and can be either suspended from the ceiling above or be designed to bridge from sidewall to sidewall independent of the ceiling support. When used properly and shooting from the fixed line of fire, the safety ceiling achieves a "No Blue Sky" level of protection to defeat errant rounds, protect overhead mechanical equipment, and prevent bullets from leaving the range shell.

Key Features & Benefits

- Designed to be suspended from bar joists or roof trusses found in typical construction methods. This reduces special design requirements and additional structural support (When suspended option is used)
- Bridges from sidewall to sidewall independent of the ceiling structure which provides major structural cost savings in situations where the ceiling will not support the additional weight of a traditional suspended baffle system (When bridged option is used)

