

BALLISTICS

TRANSFORMING THE FUTURE OF CONSTRUCTION



NORTHSTAR
TECHNOLOGIES

UL 752 REQUIREMENTS

APPROX. PANEL THICKNESS (IN.)	UL 752 RATING	WEAPON	AMMUNITION	VELOCITY (FT/SEC.)	NO. OF SHOTS	APPROX. WEIGHT (PSF)
0.25	Level 1	9mm Luger	124gr. FMJ	1175 - 1293	3	2.51
0.35	Level 2	.357 Magnum	158gr. JSP	1250 - 1375	3	4.10
0.50	Level 3	.44 Magnum	240gr. Lead	1350 - 1485	3	5.10
1.50 ²	Level 4	.30 Caliber (.30-06)	180gr. Soft Point	2540 - 2794	1	15.30
1.50 ²	Level 5	7.62mm (.308 Caliber)	150gr. FMJ	2750 - 3025	1	15.30
0.50	Level 6	9mm Luger	124gr. FMJ	1400 - 1540	5	5.10
1.00 ¹	Level 7	5.56mm (.223 Caliber)	55gr. FMJ	3080 - 3388	5	10.20
1.50 ²	Level 8	7.62mm (.308 Caliber)	150gr. FMJ	2750 - 3025	5	15.30
0.50	Supplementary Shotgun	12-Gauge	1 oz. Rifled Slug	1585 - 1744	3	5.10
0.50	Supplementary Shotgun	12-Gauge	1.5 oz. 00 Buckshot (12 pellets)	1200 - 1320	3	5.10

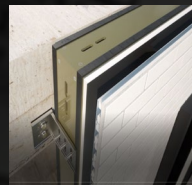
NOTES: ¹ This configuration consists of two 0.50" panels, which shall be bonded together utilizing Strongwell's HS Armor bonding guidelines, available upon request.
² This configuration consists of three 0.50" panels, which can be bonded together.

FMJ - Full Metal Jacket **JSP** - Jacketed Soft Point **SWC** - Semi-Wadcutter **LRHV** - Long Rifle High Velocity **RN** - Round Nose

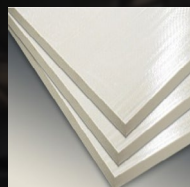
Ballistic Armor Plate panels are internally tested on a regular basis for conformance to Underwriters Laboratories UL 752 requirements and independently tested to verify results.

Ballistic Armor Plate panels can be tested to a number of other domestic and international ballistic standards and protocols such as NIJ, SD, MIL, or to a set of specific project performance requirements.

Armor Plate panels are self-extinguishing and meet a UL 94 V-0 flammability rating.



All Northstar EXOSHELL exterior composite wall panels are available with a ballistic rating



Available from .25" U.L. Level 1 to thick to 1.5" thick U.L. Level 8



Ballistic Armor Plate panels can be used in most any application for protection against small arms fire or projectiles