

TerraRange - Acoustic Panels

ABOUT

is a cold-pressure molded acoustic and ballistic panel made from shredded recycled rubber and a proprietary urethane formula. Its molded grooves enhance sound absorption and improve the Noise Reduction Coefficient (NRC), helping create a quieter, more controlled environment while providing effective bullet encapsulation. Ideal for tactical training centers and indoor shooting ranges.



DIMENSIONS

- Size(mm): 500 x 500
- Thickness (mm): 30 -50
- Weight: 14.97 kg

TECHNICAL DATA

PROPERTY	TEST METHOD	UNITS	RESULTS
Shore Hardness	AS 1683.15.2	Shore A	50 -60
Dimesion Stability	AS 2498.6	+/- 1mm (23-70°C)	<1.0mm
Density	ISO 845 Method A	Kg/m ³	800 - 900
Compressive Strength @ 50% deformation	ASTMD 1621-16	N/mm ²	1.90-2.00
Tensile Strength	ASTMD 412-16	MPa	0.90 -1.10
Elongation at break	ASTMD 412-16	%	115- 125
Temperature Resistance	ASTMD 2485-22	°C	40° to + 120°
Ballistic Capability	-	-	Captures rounds upto 7.62mm
Durability	-	-	2000 - 2500 rounds/ per panel
Sound Insulation	ASTM E- 413-04	-	STC 29 (NRC 0.65)
Ballistic Test	ARI	-	Upto - 7.62mm tested

*The values & properties stated above are carried out at our lab for the component used in the production. However, they do not constitute a guarantee for a specific product feature & do not establish a legal contract

CERTIFICATIONS



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