



VPS armored VAN

**based on Mercedes-Benz VITO Tourer
119 BlueTEC SELECT extra long 4x4 in
CEN B6 with luxury bespoke interior**





Armored Mercedes-Benz VITO Tourer 119 BlueTEC SELECT 4x4 in CEN B6





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Front electrically operable windows

200mm



Multi-layered ballistic glass with inner polycarbonate layer for protection against splinters

39mm



Overlapping of door apertures to stop fired bullets





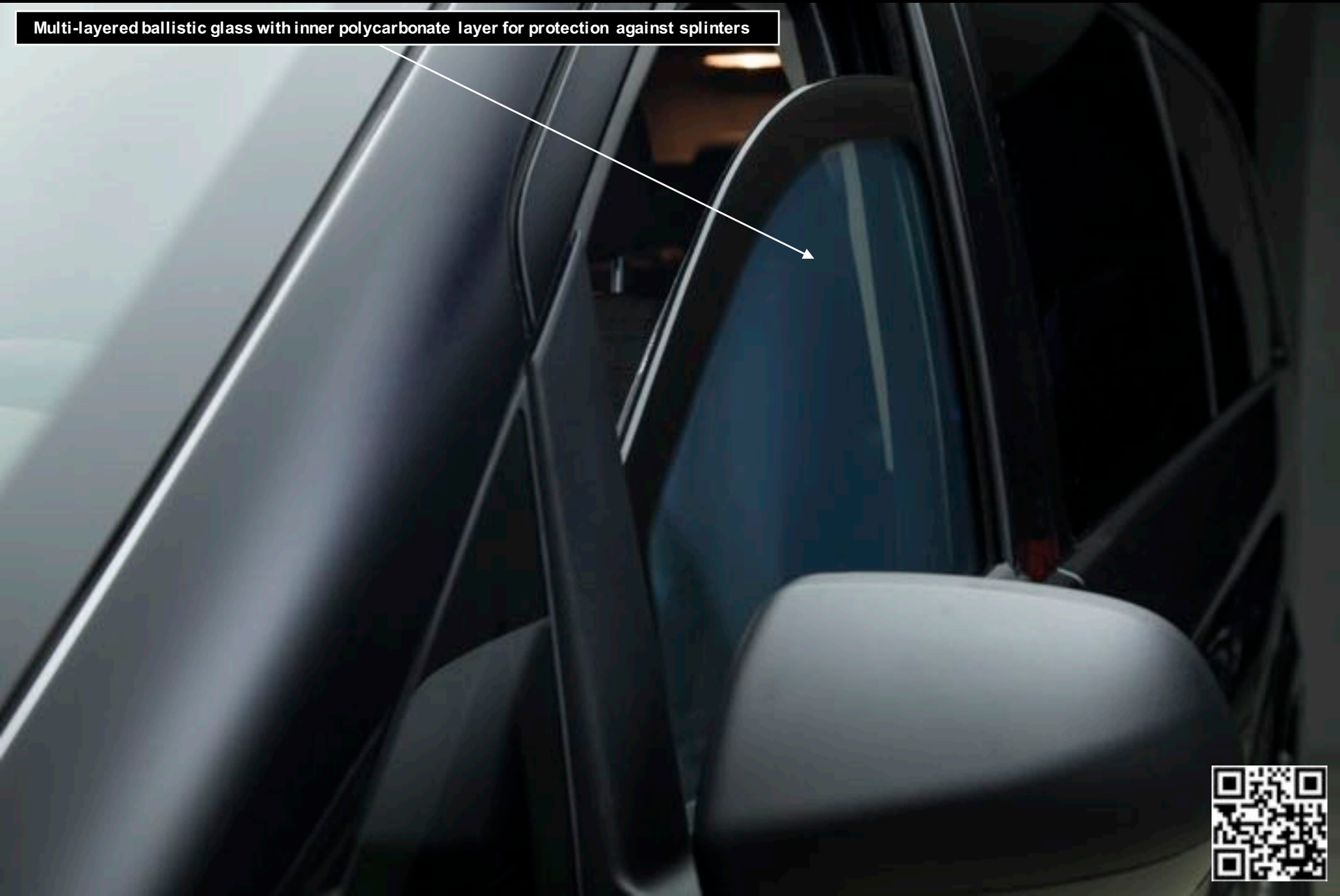
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Multi-layered ballistic glass with inner polycarbonate layer for protection against splinters



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Fully modified side-sliding door and converted into swing door with heavy duty door hinges to avoid overloading



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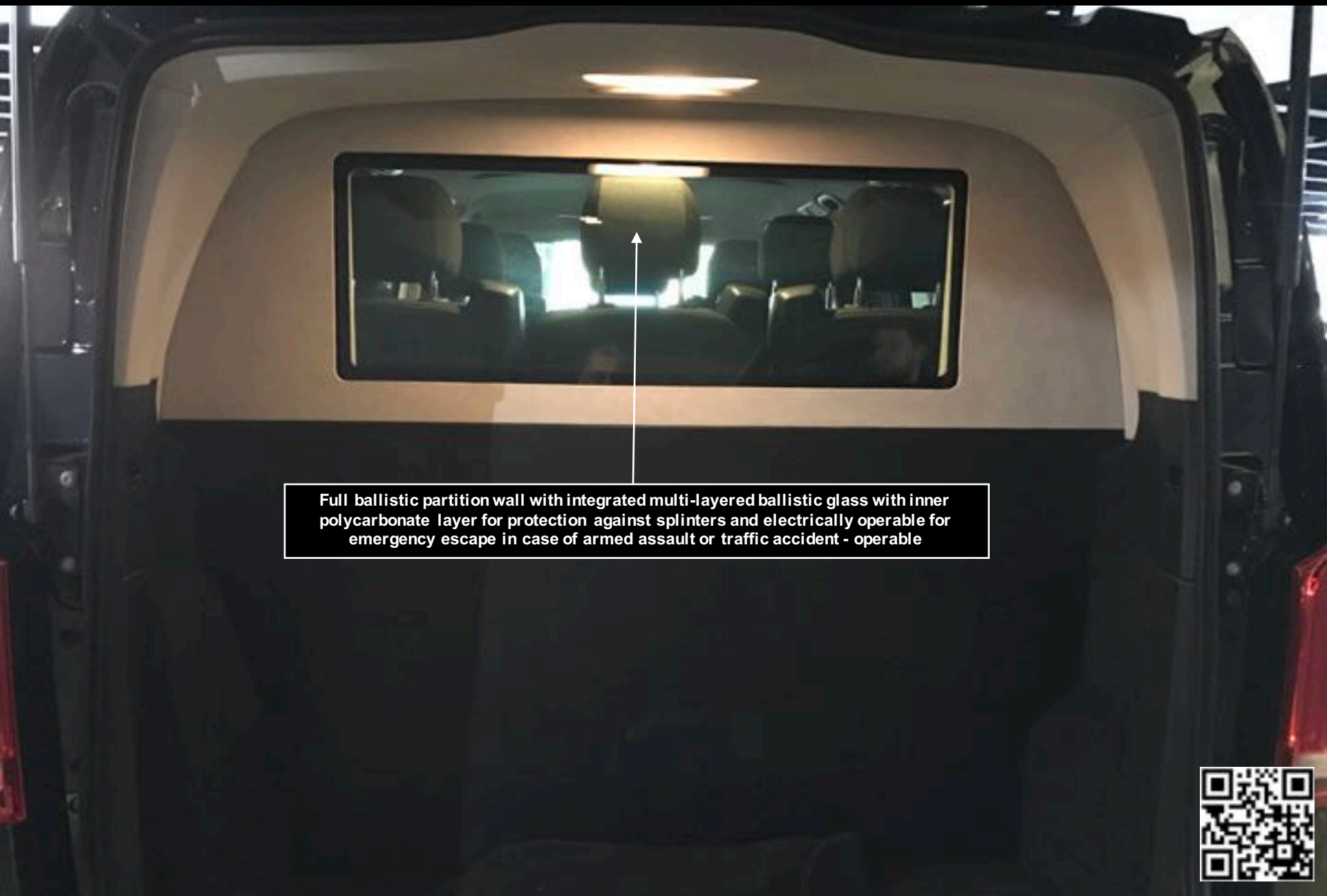
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Full ballistic partition wall with integrated multi-layered ballistic glass with inner polycarbonate layer for protection against splinters and electrically operable for emergency escape in case of armed assault or traffic accident - operable



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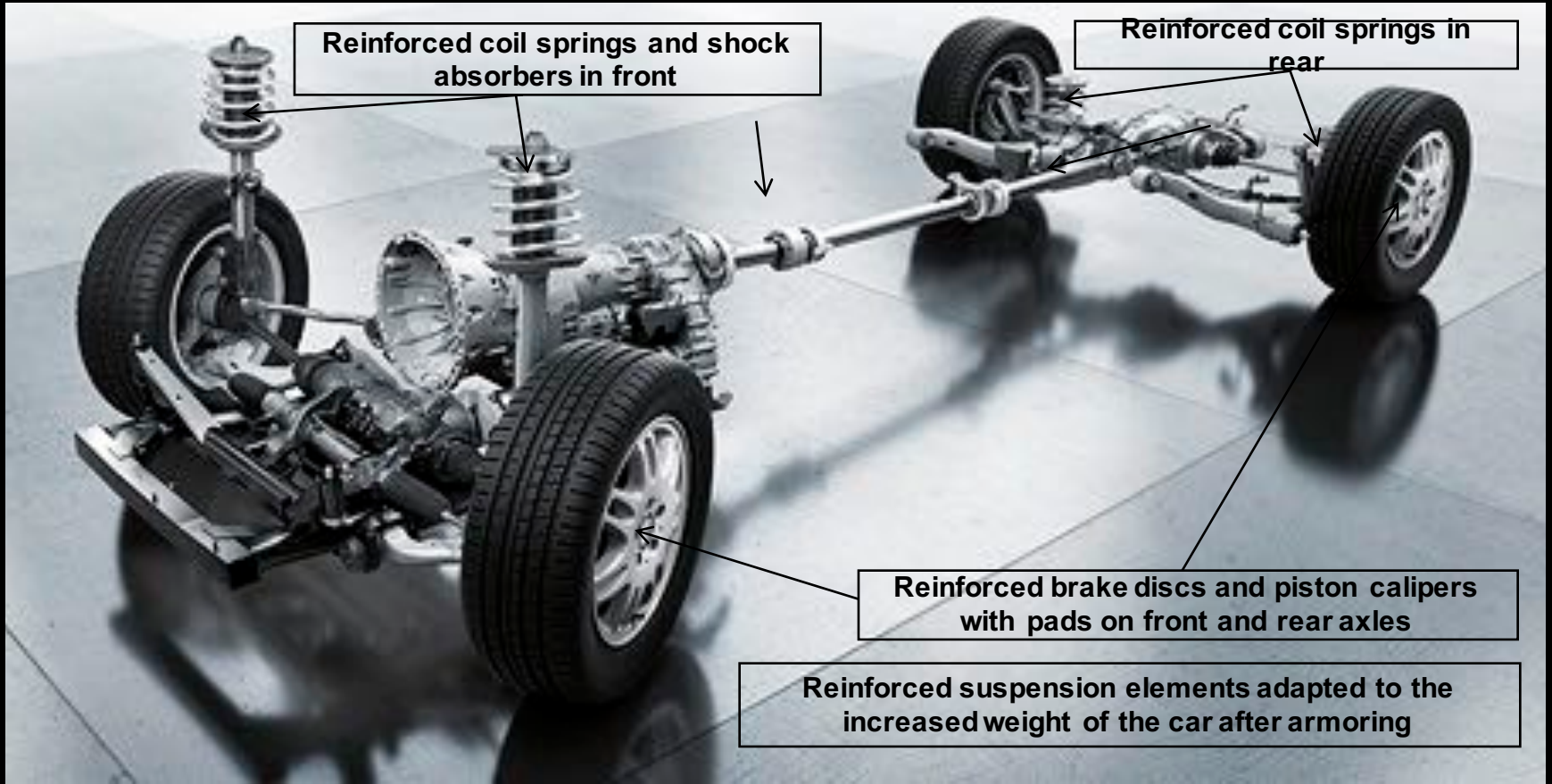
Technical data:

- Wheelbase: 3430 mm (extra long)
- Length/Width/Height: 5370/1928 with folded mirrors, /1890 mm
- Front/rear track: mm
- Front/rear overhang: 895/1045 mm
- Turning circle: 13.7 m
- Fuel capacity: 57 l (70l is extra)
- Seating: 5
- Fuel delivery: Common-rail diesel with twin turbochargers
- Engine displacement: 1950 c.cm
 - Power Output: 190 hp/140 kW @ 3800 rpm
 - Torque: 440Nm @ 1500-2400 rpm
- Transmission: 9G-TRONIC PLUS 9-speed automatic, electronically controlled
- Kerb weight: 2102 kg (3502 after armoring)
- Maximum permissible weight: 5200 kg
- Maximum payload: 945-1115 kg (depending of layout configuration)
- Terrain: 4Matic all wheel drive system
- Trailer load (kg) braked / unbraked: 2000/750 kg
- Maximum roof load: 150 kg
- Tire size front/rear: 225/55-R17 109H
- Rim size: 7.5J x 17"
- Runflat tire system


























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VPAM Chart

Prüfstufen VPAM APR 2006	Anwendung bei		Zum Vergleich *)		Waffenart (Beispiele)	Patrone	Angaben zur Prüfmunition				Auszüge aus den Prüfbedingungen		
	PM 1 WR 1	ISW 1 HVN 1	BR 1 FB 1 WR 1 (2000-1999)				Kaliber	Art	Masse [g] Härte [HRC]	Hersteller / Typ	Schuss- entfernung [m]	Geschoss- geschwindigkeit V [m/s]	Geschoss- energie [Joule]
1	PM 1 WR 1	ISW 1 HVN 1	BR 1 FB 1 WR 1 (2000-1999)				.22 LR	LRN	2,60 ± 0,1	Winchester	10 ± 0,5	360 ± 10	156
2	PM 2 WR 2	ISW 2 HVN 2					9mm Luger	FUJ/PUSC vernickt	8,00 ± 0,1	DAG DM 41	5 ± 0,5	360 ± 10	218
3	PM 3 WR 3	ISW 3 HVN 3	BR 2 FB 2 WR 2 (2000-1999)				9mm Luger	FUJ/PUSC (vernickt)	8,00 ± 0,1	DAG DM 41	5 ± 0,5	415 ± 10	689
4	PM 4 WR 4	ISW 4 HVN 4	BR 3 FB 3 WR 3 (2000-1999)				.357 Mag.	FUJ/CB/SC	10,20 ± 0,1	Geo	5 ± 0,5	430 ± 10	943
			BR 4 FB 4 WR 4 (2000-1999)				44 Rem. Mag.	FUJ/PUSC	15,50 ± 0,1	Speer	5 ± 0,5	440 ± 10	1510
5	PM 5 WR 5	ISW 5 HVN 5					.357 Mag.	FM/CB	7,15 ± 0,1	DAG Spezial	5 ± 0,5	580 ± 10	1194
6	PM 6 WR 6	ISW 6 HVN 6					7,62 x 39	FUJ/PB/FuC	8,00 ± 0,1 Kern 5,00	M 43	10 ± 0,5	720 ± 10	2074
7	PM 7 WR 7	ISW 7 HVN 7	BR 5 FB 5 WR 5 (2000-1999)	Stang. Level 1 weicht aus/08/08 5,56 x 45 mm (Typ M16)			203 Pam. (5,56 x 45)	FUJ/PB/SCF	4,0 ± 0,1	MEN BS708	10 ± 0,5	960 ± 10	1805
			BR 6 FB 6 WR 6 (2000-1999)				308 Ww. (7,62 x 51)	FUJ/PB/SC	9,55 ± 0,1	MEN DM 111	10 ± 0,5	630 ± 10	3289
8	PM 8 WR 8	ISW 8 HVN 8		Stang. Level 2			7,62 x 39	FUJ/PB/HC	7,75 ± 0,1 Kern 4-11 HVN 95	—	10 ± 0,5	740 ± 10	2138
9	PM 9 WR 9	ISW 9 HVN 9	BR 7 FB 7 WR 7 (2000-1999)				308 Ww. (7,62 x 51)	FUJ/PB/HC	9,70 ± 0,2 Kern 4,20 ± 0,1 HVN 95/10	MEN/CBC FMB 80	10 ± 0,5	820 ± 10	3261

*) Die Normen DIN EN 1063 (Sonderverglasung in Bauelementen) und DIN EN 1522/3 (Fenster- und Türen) sowie STANAG 4966 AEP 55 und VPAM BRV 1989 sind zum Vergleich angeführt. Anfertiger- und Prüfbedingungen sind teilweise von den VPAM abweichend.

**) Sofern es hinsichtlich Geschwindigkeit, Penetration und Aufschlagpunkt notwendig ist, kann die Schussentfernung bei den Prüfungen ± 10 angepasst werden.

FUJ Stahl-Vollmetall, FMU Kupfer-Vollmetall, CB Kugelstahlgewehr, FN Rundkopf, FB Spitzkopf, FH Flachkopf, V Vollblei, SC Blei-Werkstoff, FuC Eisen-Kern, SCF Blei-Werkstoff mit Stahlpenetration, HC Stahlhaken, WC Wolframkerntyp, FHS Vollmetall, H-Hohlkern (Brandstift)

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