








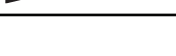




Class Threat Level	Type of Weapon	Calibre	Ammunition	No Spall (mm / Kgm ²)	Fire Resistant No Spall (mm/Kgm ²)	Spall Allowed (mm / Kgm ²)	Fire Resistant Spall Allowed (mm / Kgm ²)
BR1	Rifle 	0.22 LR	L/RN	19 / 38	27 / 53	23 / 54	38 / 84
BR2	Hand Gun 	9mm Luger	FJ ¹ / RN / SC	19 / 38	27 / 53	23 / 54	38 / 84
BR3	Hand Gun 	0.357 Magnum	FJ ¹ / CB / SC	19 / 38	27 / 53	27 / 64	41 / 95
BR4	Hand Gun 	0.44 Rem Magnum	FJ ¹ / FN / SC	23 / 47 26 / 55	33 / 62	32 / 75	48 / 105
BR5	Rifle 	5.56 x 45	FJ ² / PB / SCP1	34 / 72 38 / 73	42 / 88	36 / 85	52 / 115
BR6	Rifle 	7.62 x 51	FJ ¹ / PB / SC	42 / 92	50 / 107	52 / 122	67 / 153
BR7	Rifle 	7.62 x 51	FJ ² / PB / HC1	68 / 157	75 / 172	77 / 183	92 / 214
SG1	Shot Gun 	12 / 70	Solid Slug ³	25 / 52	33 / 67	35 / 78	50 / 109
SG2	Shot Gun 	12 / 70	Solid Slug ³	34 / 72	42 / 87	47 / 112	61 / 142
AK47 DGU	Rifle 	7.62 x 39	FJ ¹ / PB / SC	-	-	44 / 78	51 / 94

Applicable Standards:

ToughGlaze (UK) Ltd has adapted the ISO 9001-2015 and ISO 14001 all our administration, production as well as deliveries are not only traceable but guaranteed to provide the optimum quality system.

Kite Mark Licenses are always observed and random inspections are carried out internally as well as externally by authorities such as BSI to ensure absolute adherence of the implemented standards:

- BS EN 12150- 1 (Thermally Toughened Glass)
- BS EN 14179- 1 (Heat Soaked Tested Glass)
- BS EN 14449 (Laminated Glass)
- EN 1063 (Ballistic and Bullet Proof Glass)
- EN 356 (Enhanced Security Glass / Manual Attack)
- LPS 1270 (Loss Prevention Standard)
- ISO 16933 (Blast and Bomb Resistant Glass)

Notes:

1. Full steel jacket (plated)
2. Full copper alloy jacket
3. All glass

Ammunition Key:

- (L) Lead
- (CB) Coned bullet
- (FJ) Full metal jacket bullet
- (FN) Flat nose
- (HC1) Steel hard core, mass 3.7g
0.1g hardnose more than 63 HRC
- (PB) Pointed Bullet
- (RN) Round Nose
- (SC) Soft Core(lead)
- (SCP1) Soft Core(lead) and steel penetrator
(type SS 109)