

There are three basic tiers of blast protection offered by the Slimline range. Each level has been tested on selected doors to at least 100kg of TNT at selected distances in line with ISO 16933:2007 to provide the following calculated blast protection levels.

SYSTEM	MAXIMUM LOAD CAPACITY PER SHOOTBOLT (Including 20% safety factor)					
	Category 1 Limit		Category 2 Limit		Category 3 Limit	
Slimline (Standard)	12.4KN	2788lbF	20.8KN	4676lbF	24.4KN	5485lbF
Slimline D15	20.8KN	4676lbF	24.9KN	5598lbF	35.3KN	7935lbF
Slimline D25	97.9KN	22008lbF	122.6KN	27560lbF	236KN	53053lbF

SLIMLINE STANDARD BLAST LEVEL

LOCKING SYSTEM	PEAK PRESSURE (CATEGORY 3 RESPONSE)	
	kPa	PSI
3-Point Outward Opening	70	10.1
5-Point Outward Opening	114	16.5
3-Point Inward Opening	42	6
5-Point Inward Opening	68	9.8

SLIMLINE ENHANCED BLAST LEVEL (OPTION D15)

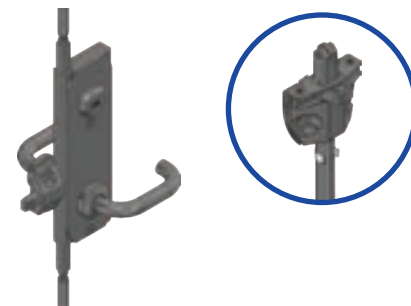
LOCKING SYSTEM	PEAK PRESSURE (CATEGORY 3 RESPONSE)	
	kPa	PSI
3-Point Outward Opening	102	14.7
5-Point Outward Opening	166	24
3-Point Inward Opening	61	8.8
5-Point Inward Opening	99	14.3

SLIMLINE HIGH BLAST LEVEL (OPTION D25)

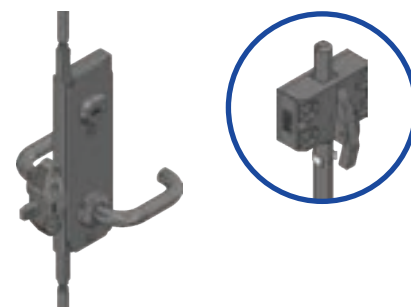
LOCKING SYSTEM	PEAK PRESSURE (CATEGORY 3 RESPONSE)	
	kPa	PSI
3-Point Outward Opening	681	98.7
5-Point Outward Opening	1108	160.7
3-Point Inward Opening	408	59.1
5-Point Inward Opening	664	96.3

* Peak pressure values are a guide based on static load calculations on a specific door construction. Calculations should be done for individual door sizes and constructions.

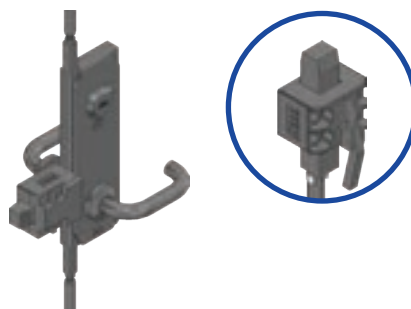
STANDARD



ENHANCED BLAST LEVEL (D15)



HIGH BLAST LEVEL (D25)



3-POINT SLIMLINE SYSTEMS (CODE SL3A PLUS ENHANCEMENT CODE)



STANDARD BLAST SYSTEM
CODE: SL3A



ENHANCED BLAST SYSTEM
CODE: SL3A (WITH OPTION D15)



HIGH BLAST SYSTEM
CODE: SL3A (WITH OPTION D25)

5-POINT SLIMLINE SYSTEMS (CODE SL5A PLUS ENHANCEMENT CODE)



STANDARD BLAST SYSTEM
CODE: SL5A



ENHANCED BLAST SYSTEM
CODE: SL5A (WITH OPTION D15)



HIGH BLAST SYSTEM
CODE: SL5A (WITH OPTION D25)