



BALLISTIC PERFORMANCE

Windell Curtain Walling Facade - 1135 x 615 x 265 has been tested to determine the ballistic resistance in accordance with the requirements and procedures set out within **BS EN 1522:1999** and **BS EN 1523:1999**

Classifications:

The Glazing system has successfully been tested with reference to possible armed attack to resist the following :

Test 1:	Universal Breach One @ Target Distance 10m with 7.62 x 39 PS Ball test ammunition, the attack face was marked with the manufacturers label	
	42.3mm thick glazing classification	Held @ 741.67 velocity m/s
	44.3mm thick glazing classification	Held @ 743.93 velocity m/s

Test 2:	Universal Breach One @ Target Distance 10m with 7.62 x 39 PS Ball test ammunition fired with full service charge	
	Frame[right-hand side]	Held @ 746.65 velocity m/s

Test 3:	Universal Breach One @ Target Distance 10m with 7.62 x 39 PS Ball test ammunition fired with full service charge	
	Frame[RH side & lower X member]	Held @ 758.5 velocity m/s

Test 4:	Universal Breach One @ Target Distance 10m with 7.62 x 39 PS Ball test ammunition fired with full service charge	
	Frame[Central X piece]	Held @ 742.28 velocity m/s

Test 5:	Universal Breach One @ Target Distance 10m with 7.62 x 39 API BZ test ammunition fired with full service charge	
	Frame[Central X piece]	Held @ 750.8 velocity m/s

Test 6:	Universal Breach One @ Target Distance 10m with 7.62 x 54 Heavy Ball D test ammunition fired with full service charge	
	Frame[right-hand frame]	Held @ 839.8 velocity m/s

Test 7:	Universal Breach One @ Target Distance 10m with 7.62 x 54 API B32 test ammunition fired with full service charge	
	Right-hand frame	Held @ 846.5 velocity m/s
	Junction of central X piece & RH side frame	Held @ 846.5 velocity m/s

Tested by: **Wiltshire Ballistic Services**