

KOREA MILITARY ACADEMY

Ballistic Resistance Test Report

P.O. Box 77, Gongeung-Dong,
 Nowon-Gu, Seoul, Korea, 139-799
 Tel : +82-2-2197-2962
 Fax : +82-2-2197-0198
 gunin@kma.ac.kr

Sep. 19, 2008

Attention : SAMHOON Co. LTD.

In accordance with your authorization, Korea Military Academy conducted ballistic resistance testing of two samples received September 19, 2008.

Testing was conducted in accordance with the provisions of EN1522 Class FB6, European Standard for Bullet Resistance in Windows, Doors, Shutters and blinds, using caliber 7.62×51mm, 9.5g, Ball, M80 ammunition.

The test samples were positioned on an indoor range 10.0 meter from the muzzle of a test barrel to produce zero degree obliquity impacts.

Photoelectric infrared screens were positioned at 2.0 meter and 3.5 meter which, in conjunction with elapsed time counters(chronographs), were used to compute projectile velocities 1.75 meter forward of the muzzle.

Below table presents a summary of the enclosed data records.

Bullet Resistant Test Sample			Ballistic Threat		Test Results			Note
Sample No.	Weight (kg)	Size(mm)	Caliber	Obliquity (degrees)	Shots No.	Velocity (m/s)	Penetration	
08-909-1	21.16	350x500x44.5t	7.62, M80 (9.5g±1)	0	1	831.58	N	
					2	839.12	N	
					3	833.34	N	
* Test Standard : EN1522 Class FB6 (Velocity 830±10m/s)								

This test report is based on data obtained from having tested only the samples submitted, and should not be interpreted as an endorsement by Korea Military Academy of the continuing quality, or performance, of any items of the same, or similar design.

HWARANG-DAE RESEARCH INSTITUTE
 Korea Military Academy

