



SIRIM QAS International Sdn. Bhd. (410334-X)
No.1, Persiaran Dato' Menteri, P.O.BOX 7035, Section 2,
40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Tel: 03-55445892
Fax: 03-55445855
www.sirim-qas.com.my

TEST REPORT

REPORT NO : 2018CB1113	PAGE : 1 OF 2
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Applicant : MAXIM MATERIALITY SDN. BHD.
No. 15, Jalan SBC 7, Taman Sri Batu Caves,
68100 Batu Caves, Selangor Darul Ehsan.

Manufacturer :

Product : High Security Anti-climb Welded Fence (Galfan Wire)

Reference Standard / Method of Test : BS EN 10223-7 : 2012 Steel wire and wire products for fencing and netting. Steel wire welded panels for fencing
Clause 7.1 – Tensile strength
Clause 7.3 – Mesh dimensions and tolerance

Description of sample / Description of Test Specimen : Two (2) samples of High Security Anti-climb Welded Fence (Galfan Wire) were received for testing.
Brand : Envigal
Size : Spacing 75 mm (vertical) x 12.5 mm (horizontal) or equivalent to 4 mm (dia.)

Date Received of Complete Application : 23 March 2018

Job No. : J20181430401

Description of Test Results / Overall Test Result : This test report covers only test clauses as requested by Applicant to SIRIM QAS International Sdn. Bhd. The test results for the submitted test samples as described in this test report complied with the requirements of the above reference standard at the respective clauses tested.

Issued Date : 30 July 2018

Approved Signatories;


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(MOHAMAD RAZIQI BIN SHA'DUN
Testing Executive




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(RAJA NUR SIHA BINTI RAJA ABDUL HANAN)
Head
Civil & Construction Section
Testing Services Department

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STANDARD REFERENCE : BS EN 10223 -7: 2012
SAMPLE REFERENCE : HIGH SECURITY ANTI-CLIMB WELDED FENCE (GALFAN WIRE)

CLAUSE	REQUIREMENT	RESULTS	REMARKS
7.1	TENSILE STRENGTH		
Diameter (mm)	-	3.90	-
Maximum load (kN)	-	8.47	-
Tensile strength (MPa)	350 to 950	709	Pass
7.3	MESH DIMENSIONS AND TOLERANCE		
Longitudinal (mm)	12.5 ± 3.0	12.53	Pass
Transverse (mm)	75 ± 3.0	75.31	Pass

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