

## TEST REPORT

Report No.	70547	Page 1 of 4
Client	Seih-Ying Co., Ltd. No.68, Kuang Fu N. Rd. Hsin Chu Industrial Park 303 HSIN CHU  Tel 00886 3 5984567 Fax 00886 3 5977899 Email seih-ying@msa.hinet.net	
Report date	10 November 2006	
Items tested	SIGLITE 19mm	
Specification	BS EN 1463-2: 2000	
Results	The results obtained are detailed within this Report	

Authorised by



  
Eric Goulden  
Technical Director

## 1. INTRODUCTION

Siglite 19mm road studs were submitted on 01 September 2005 for testing to the relevant requirements of BS EN 1463-2: 2000 'Road marking materials – Retroreflecting road studs'. The road trial site selected was the N7 Portlaoise Bypass dual carriageway, Ireland

### 1.1 Samples tested

Fifty samples of each of the following types of white road stud were submitted for testing. Photograph of typical road stud after trial.



The adhesive used for the road trials was Eurimex hot melt.

## 2. TESTS

The tests were made in accordance with the requirements of the relevant clauses of BS EN 1463-2: 2000 'Road marking materials – Retroreflecting road studs'.

The road studs were laid in accordance with clause 4 and at the end of the test period (1 year) ten studs were selected as detailed in clause 5.5.

The selected studs were then assessed for night-time visibility.

The tests were commenced on 08 November 2006.

## 3. RESULTS

The results obtained are detailed on the following data sheets.

## 4. CONCLUSIONS

The Siglite 19mm road stud was classified as S1 and R1 in accordance with BS EN 1463-2: 2000.

## DATA SHEET FOR TESTS ON ROAD STUDS TO BS EN 1463-2: 2000

**MODEL NAME:** Siglite 19mm

**CLAUSE 5** Road trial procedure

5.2	Stage 1: day light examination	Pass
5.3	Stage 2: night-time examination	Pass
5.4	Stage 3: primary assessment see clause 6	
5.7	Photometric test	
5.7.2	Night-time visibility measurement see clause 6	

Coefficient of retroreflection measured at an observation angle of  $0.3^\circ$  and an entrance angle of  $\pm 5^\circ$ .

Mean achieved: 32 mcd/lux minimum requirement 20 mcd/lux

**CLAUSE 6** Performance for road users

a)	Primary assessment	S1
b)	Night-time visibility	R1