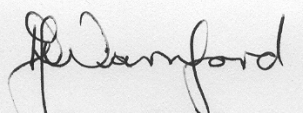
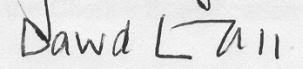


# Test Report



Product Services

Report No	285/4451534	This Report consists of 3 pages
Client	Fibrelite Composites Limited Snaygill Industrial Estate Keighley Road Skipton North Yorkshire BD23 2QR	
Authority & date	Client's Purchase Order No 1459 dated 17 April 2003	
Item tested	Multi Cover Drawing Number US16001	
Specification	Client's Specification	
Results	See Summary of Results on Page 2	
Prepared by	D J Warnford 	Engineer
Authorized by	D T Gall 	Principal Engineer
Issue Date	4 June 2003	
Conditions of issue	<p>This Test Report is issued subject to the conditions stated in current issue of <i>PS082</i> 'General conditions relating to acceptance of testing'. The results contained herein apply only to the particular sample/s tested and to the specific tests carried out, as detailed in this Test Report. The issuing of this Test Report does not indicate any measure of Approval, Certification, Supervision, Control or Surveillance by BSI of any product. No extract, abridgement or abstraction from a Test Report may be published or used to advertise a product without the written consent of the General Manager, BSI Product Services, who reserves the absolute right to agree or reject all or any of the details of any items or publicity for which consent may be sought.</p>	

## **TESTING, EXAMINATION AND ASSESSMENT OF A MULTI-COVER SUBMITTED AS AN INDEPENDENT TEST SAMPLE**

### **INTRODUCTION**

At the request of Fibrelite Composites Limited the multi-cover detailed below, was tested and assessed against the requirements specified below. This request was made on the Client's Purchase Order Number 1459 dated 17 April 2003.

This Report only relates to the actual sample that has been tested and assessed. The results obtained do not necessarily relate to samples from the production line and in no way imply that the performance or quality of the continuing production will be maintained.

The tests and assessments contained in this Report were undertaken by BSI Product Services at their Engineering Laboratory on 11 May 2003.

### **TEST ITEM**

Multi-cover – drawing number US16001. Size 1050 x 450 mm.

### **CLIENT'S SPECIFICATION**

The multi-cover to be supported at each end giving a span of 920mm.  
A load of 167 kN to be applied 5 times and then the resultant deformation measured.  
A design load of 250 kN to be applied and held for 30 seconds and then increased to 275 kN and released, there should be no cracking during or after the application of the load.  
Both the above loads were to be applied via a 250 mm diameter circular test pad at a rate of between 1 and 5 kN per second

### **SUMMARY OF RESULTS**

The test item met the requirements of the Client's Specification against which assessments were made.

The potential variability in both the items tested and the method of measurement used means that for measurements close to a specified limit the level of confidence in a compliance statement may or may not be reduced.

Further advice on the specific measurements in this report that may be affected can be obtained from the report authorizer shown on the front cover.



## EXAMINATION AND TEST

### TESTING

**Measurement of resultant deformation of the cover after the application of 2/3 of the test load.**  
(167 kN)

Resultant deformation (mm)      1.32

#### **For information**

Cover measurements at smallest point (mm)      1030 x 430

#### **Application of the test load**

The cover was capable of withstanding a test load of 250 kN for 30 seconds without cracking.

**For information:** The unit was subsequently loaded to 275 kN for without cracking.

Cover mounted as per Client's instructions, see photograph below.

#### **Marking on cover**

Fibrelite C250

#### **'UNDERSIDE'**

03 3636 1050 C250

