



# مختبر علوم التربة لفحص المواد GEOSCIENCE TESTING LABORATORY

## REPORT OF LOAD TEST ON MANHOLE COVER AND FRAME

Report No. : R1DX21-039983 Date : 31/03/2021  
Request No. : Q1DX21-022601 Sample No. : S1DX21-022601  
Sender's Ref. : Not Provided Project No. : Tender No-H020190248  
Project Name : Supply of Glass Reinforced Plastics for Underground Line Plant Furniture  
Client Name : Etisalat  
Consultant : Etisalat  
Contractor : No Specific Contractor  
Address : Dubai, U.A.E.  
Sampled by : Smithline Reinforced Composites FZ LLC Sampling Date : Not Provided  
Sample brought in by : Smithline Reinforced Composites FZ LLC Sample Received Date : 29/03/2021  
Sample Description : CW2 GRP Manhole Cover & Frame with Hinge and Locking Class : D400  
Manufacturer : Smithline Reinforced Composites FZ LLC Marking : Not Provided  
Supplier : Smithline Reinforced Composites FZ LLC Clear opening : 696 mm  
Inscription on Cover : BSEN 124 D-400 Overall Sample Size (mm) : 1390x890

### Results

Applied Load (kN)	Permanent set (mm)	Load Sustained Duration (sec.)	Remarks	Permissible Permanent Set (mm) (BS EN 124-1:2015) (Table 5)
267	0.3	-	-	2.3 (max)
400	-	30sec	Tested specimen sustained the applied load	-

Testing Date : 29/03/2021  
Sampling Report No. : Not Provided  
Sampling Method : BS EN 124-1 : 2015 Annex A / BS EN 124-5 : 2015  
Test Method : BS EN 124-1 : 2015 Annex A & B / BS EN 124-5 : 2015  
Test Method Variation : None  
Tested by : HHA  
Remarks : Tested specimen meets the requirements of BS EN 124-1 : 2015 Class D-400 for the load test.  
: Test witnessed by Client & Manufacture Rep.

\* Results relates only to the items tested.

\* Test reports shall not be reproduced (except in full) without the written approval from the laboratory.

