

TEST REPORT

SMITHLINE REINFORCED COMPOSITES LLC

LOAD TEST FOR GULLY TOPS AND MANHOLE TOPS FOR
VEHICULAR AND PEDESTRIAN AREAS
BS EN 124 : 2015

Report Date: 21-02-2021

| | | | |
|--|--|--------------------------|--|
| Report number | D21-399046-1 | Source | Smithline Reinforced Composites LLC |
| Project number | Tender No. H020190248 | Sampled by | Smithline Reinforced Composites LLC Representative |
| Project name | Supply of Glass Reinforced Plastics for Underground Line Plant Furniture | | |
| Project location | Dubai, U.A.E. | Sampling date/time | 14-02-2021 / 1400 Hrs. |
| Main Client | ETISALAT | Sampling method | Random |
| Consultant | ETISALAT | Sample delivered by | Client Representative |
| Local Supplier | Smithline Reinforced Composites LLC | Date/time received | 14-02-2021 / 1600 Hrs. |
| Client ref./request no. | CW4-PQ | Date tested | 18-02-2021 |
| Sample description as identified by the client | CW4 GRP Manhole cover and frame with hinge and locking | Tested by, name/location | MHD / DXB |
| | | Dimensions | 900x450mm c/o |
| Inscription on cover | ETC (in English & Arabic) BS EN 124 150kN ESSELAR | Type/grade | BS EN 124: Grade D150: 2015 |
| | | Specified test load | 150 kN |
| | | Test Method | BS EN 124 : 2015 |

RESULTS

| Applied Load (kN) | Number of cycles | Duration load applied for (seconds) | Permanent set (mm) | Comments |
|-------------------|------------------|-------------------------------------|--------------------|--|
| 100 | 5 | --- | 0.46 | Conforms to the requirement of BS EN 124: 2015, Clause 6.6a/6.6c for permanent set |
| 150 | 1 | 30 | --- | Conforms to the requirement of BS EN 124: 2015 for load test |

Test witnessed by: (1) Mr. Lijo Mathew (ETISALAT)
(2) Mr. Muhammed Unais (ETISALAT)
(3) Mr. Sundeep (Smithline Reinforced Composites LLC)

Remarks : None
Test method variation : None



Anthony Babu

Anthony Babu (Sr. Materials Technician)
For Al Hoty-Stanger Laboratory - DXB

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/krs

This report relates only to the sample tested and shall only be reproduced in full and with the written approval of AHS Laboratories.