





### **TEST REPORT**

15, Jongga-ro, Jung-gu, Ulsan, 44412, Korea

TEL 82-61-729-2800

FAX 82-61-729-2805

Report No : TAK-2018-078626

Receipt Date: 2018.05.16.

Representative: Sung-Man Jung

Test Completion Date: 2018.05.30.

Company name: FIXON INC.

Address: 10, Sin-geumsandan 1-gil, Okgok-myeon, Gwangyang-eup, Gwangyang-si, Jeollanam-do, Korea

Sample name : HPL Corrugated Steel Pipe

| Test Results |  |
|--------------|--|
|--------------|--|

| Tool Hoodile                                    |              |           |            |                    |  |  |
|---|--------------|-----------|------------|--------------------|--|--|
| TEST ITEM                                       | UNIT         | SAMPLE    | RESULT     | TEST METHOD        |  |  |
| Adhesion((-18 ± 1)℃)                            |              | -         | No defects | ASTM A742/A742M-13 |  |  |
| Adhesion((25 ± 1)℃)                             | <del>-</del> | _         | No defects | ASTM A742/A742M-13 |  |  |
| Adhesion((50 ± 1)℃)                             | <del>-</del> | _         | No defects | ASTM A742/A742M-13 |  |  |
| Thickness of Coating(Max.)                      | mm           | _         | 0.71       | ASTM A742/A742M-13 |  |  |
| Thickness of Coating(Min.)                      | mm           | _         | 0.66       | ASTM A742/A742M-13 |  |  |
| Thickness of Coating(Ave.)                      | mm           | _         | 0.68       | ASTM A742/A742M-13 |  |  |
| Imperviousness(10 % NaCI, (23 ± 1)°C, 48 h)     | _            | _         | No defects | ASTM A742/A742M-13 |  |  |
| Imperviousness(30 % H 2 SO 4, (23 ± 1)°C, 48 h) | _            | - &       | No defects | ASTM A742/A742M-13 |  |  |
| Imperviousness(10 % NaOH, (23 ± 1)℃, 48 h)      | _            | _A-(***   | No defects | ASTM A742/A742M-13 |  |  |
| Impact(4.0 J)                                   | -            | A - 100 m | No defects | ASTM A742/A742M-13 |  |  |
| Holidays(67.5 V)                                | ea/m²        | <u> </u>  | 0          | ASTM A742/A742M-13 |  |  |
| Accelerated Weathering(WS-A, 100 h)             | -            | <u> </u>  | _          | ASTM A742/A742M-13 |  |  |
| -Appearance(Cracking, Peeling)                  | -            | <u> </u>  | No Defects | ASTM A742/A742M-13 |  |  |

- Usage of Report: For approval of supply source

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Jung Bongkue

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2018.05.30

# Korea Testing & Research Institute

President



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#### **Test Results**

TEST ITEM UNIT SAMPLE RESULT TEST METHOD

Note: 1. The test results of this test report are only limited in to the samples and sample names provided by the client and do not guarantee the quality of all products of the client. You Can check website (www.ktr.or.kr) or QR code to verify

the authenticity of the certificate.

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