



材料暨工程實驗室-高雄

試驗報告



報告編號：KK-18-10276

頁數：1 OF 4

報告日期：107年12月22日

委託單位：鑫銹企業有限公司、神盾科技有限公司

地址：高雄市岡山區本工環北路一號

產品名稱：神盾塗裝螺絲

產品型號：AS-553

送驗廠商：鑫銹企業有限公司、神盾科技有限公司

收件日期：107年11月12日

試驗日期：107年11月12日~107年12月19日

試驗方法：ASTM B117-16

備註：1.以上資料由顧客提供(收件及試驗日期除外)

2.除非另有說明，此報告結果僅對測試之樣品負責

未經本公司事先書面同意，此報告不可部分複製

試驗結果：

鹽霧試驗：

試件名稱	試驗前	試驗後
神盾塗裝螺絲 (AS-553)	如附照片 2 OF 4	試驗 500 小時後，樣品無產生紅銹情形，如附照片 3 OF 4 試驗 1000 小時後，樣品無產生紅銹情形，如附照片 4 OF 4

註：本樣品為報告編號 KK-18-05948 執行 2000 小時測試後，再繼續執行 1000 小時試驗(報告編號 KK-18-08839)，之後再繼續執行 1000 小時試驗。

測試條件：

- | | | | |
|-----------|---------------------------|----------|-----------------|
| 1.鹽液濃度 | : 5 % | 6.測試時間 | : 1000 Hours |
| 2.收集鹽霧酸鹼值 | : 6.9~7.1 | 7.噴霧量 | : 1.1~1.2 ml/hr |
| 3.供給空氣壓力 | : 1.0 kgf/cm ² | 8.收集鹽霧比重 | : 1.032~1.033 |
| 4.鹽霧室之溫度 | : 35.0±2.0°C | 9.試件擺放方式 | : 懸吊 |
| 5.飽和空氣溫度 | : 46.0~49.0°C | | |

----- 1 -----

本報告若有提供規範值，該規範值僅供參考，合格之判定以委託單位實際要求為準

許啟裕
報告簽署人

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試驗報告

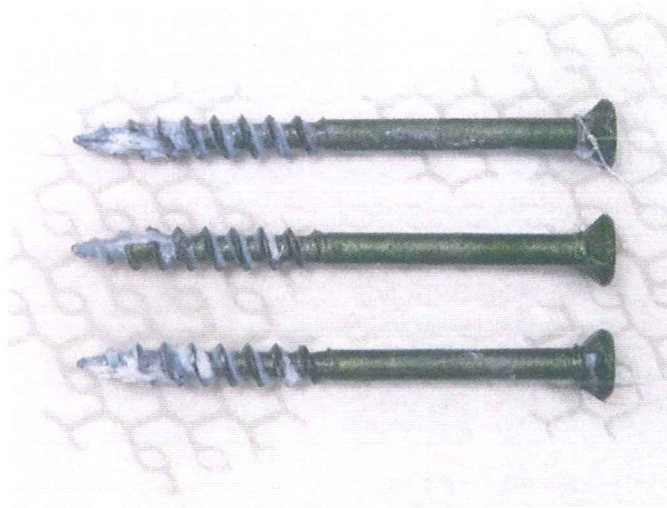


報告編號：KK-18-10276

頁數：2 OF 4

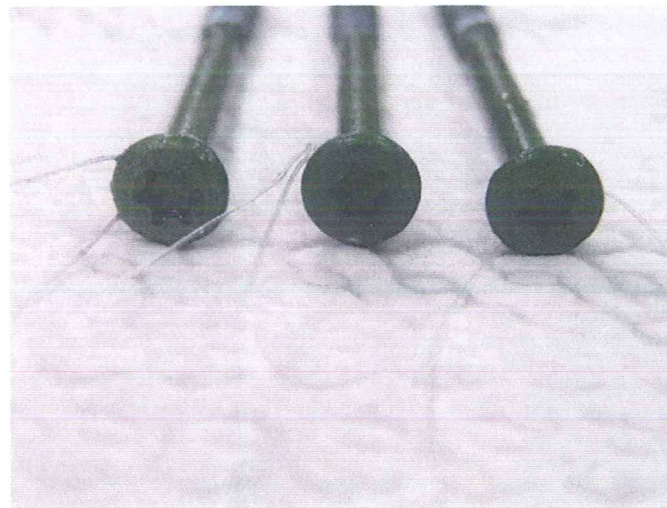
報告日期：107年12月22日

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試驗結果：



試件名稱：神盾塗裝螺絲(AS-553)

試驗前



試件名稱：神盾塗裝螺絲(AS-553)

試驗前

----- 2 -----

本報告若有提供規範值, 該規範值僅供參考, 合格之判定以委託單位實際要求為準

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試驗報告



報告編號：KK-18-10276

頁數：3 OF 4

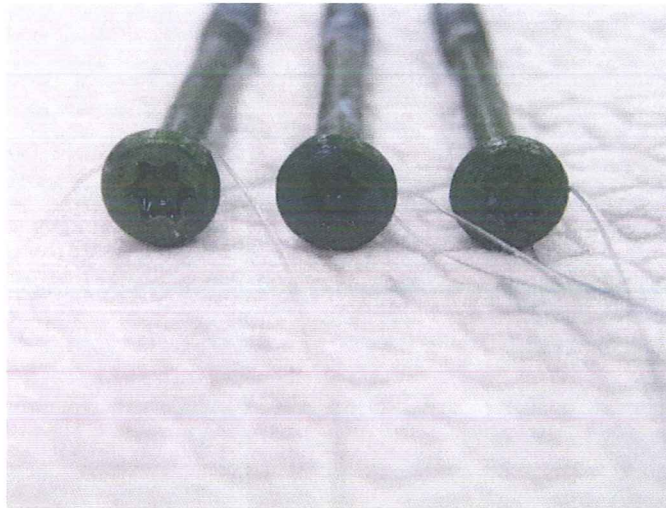
報告日期：107年12月22日

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試驗結果：



試件名稱：神盾塗裝螺絲(AS-553)

試驗 500 小時後



試件名稱：神盾塗裝螺絲(AS-553)

試驗 500 小時後

----- 3 -----

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試驗報告

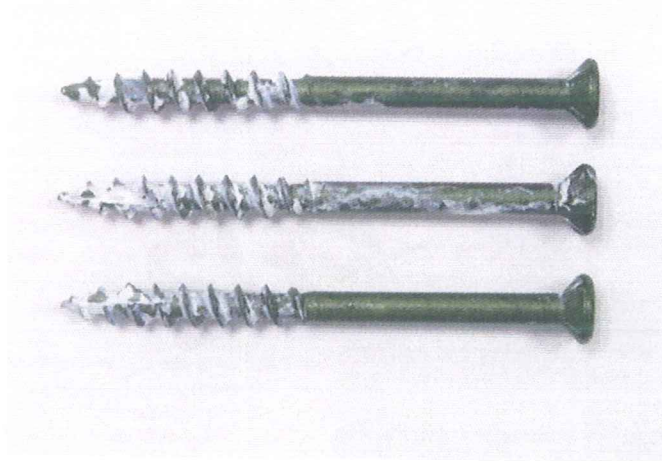


報告編號：KK-18-10276

頁數：4 OF 4

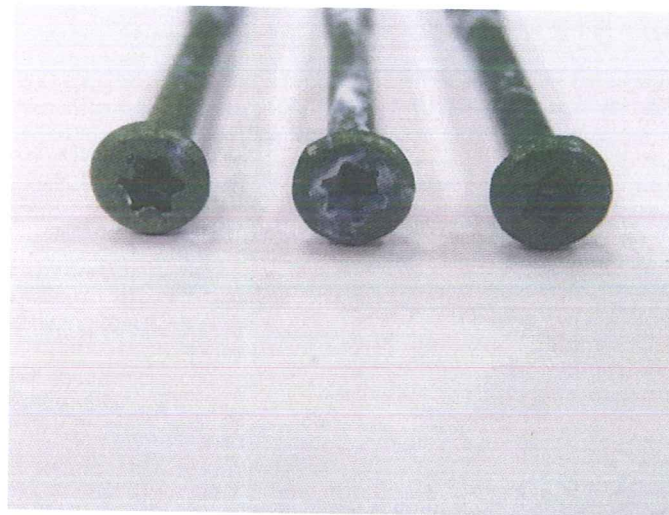
報告日期：107年12月22日

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試驗結果：



試件名稱：神盾塗裝螺絲(AS-553)

試驗 1000 小時後



試件名稱：神盾塗裝螺絲(AS-553)

試驗 1000 小時後

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Test Report



Report No. : KK-18-10276A
Page No. : 1 OF 4
Date of Report : Dec. 22,2018

Applicant Xing-Show Coating Co., Ltd. 、 Aegis Technology Co., Ltd.
Address NO.1,Bengonghuan N. Rd.,Gangshan Dist.,Kaohsiung City 820,Taiwan(R.O.C)
Product Name Aegis Coating Screw
Product Type AS-553
Product Submitted By Xing-Show Coating Co., Ltd. 、 Aegis Technology Co., Ltd.
Date of Sample Received Nov. 12, 2018
Date of Testing Nov. 12, 2018~Dec. 19, 2018
Testing Method ASTM B117-16
Remark The information mentioned in the above section is provided by Client
 (Exclude Date of Sample Received and Date of Testing)

Test Results :

Salt Spray Test:

Specimen Name	Before Test	After Test
Aegis Coating Screw (AS-553)	As attached photo Page No. 2 OF 4	No red rust appeared on the specimen after test for 500 hours. As attached photo Page No. 3 OF 4 No red rust appeared on the specimen after test for 1000 hours. As attached photo Page No. 4 OF 4

Remark. This sample is executed after the 2000 hours test for report number KK-18-05948, and then continues to perform the 1000 hours test (report number KK-18-08839), and then continue to perform the 1000 hours test.

Test Condition :

- 1. Salt Solution Concentration : 5 %
- 2. pH of Collected Solution : 6.9~7.1
- 3. Air Supply : 1.0 kgf/cm²
- 4. Temperature in the Salt Spray Chamber : 35.0±2.0°C
- 5. Saturated Air Temperature : 46.0~49.0°C
- 6. Total Test Time : 1000 hours
- 7. Volume of Salt Solution Collected : 1.1~1.2 mL/hr
- 8. Specific Gravity of Solution Collected : 1.032~1.033
- 9. Specimen of supporting method : Suspension

----- 1 -----

The required specification(s) offered in this test report is/are for reference only.
The conformity judgment is at the Applicant's final verdict.

Jimmy Chen
Signed for and on behalf of
SGS Taiwan Ltd.

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Test Report

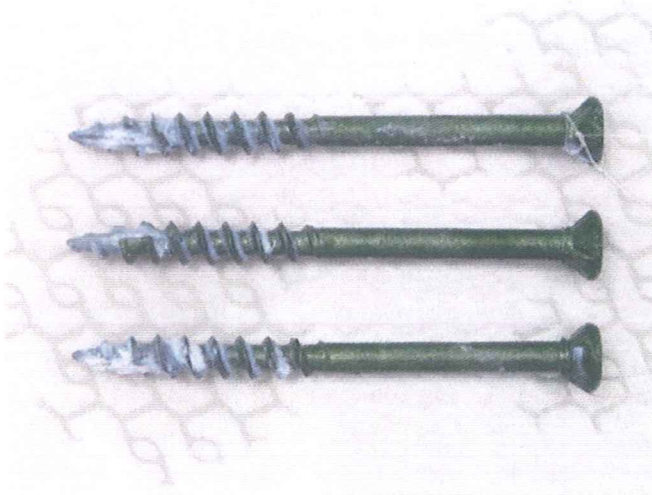


Report No. : KK-18-10276A

Page No. : 2 OF 4

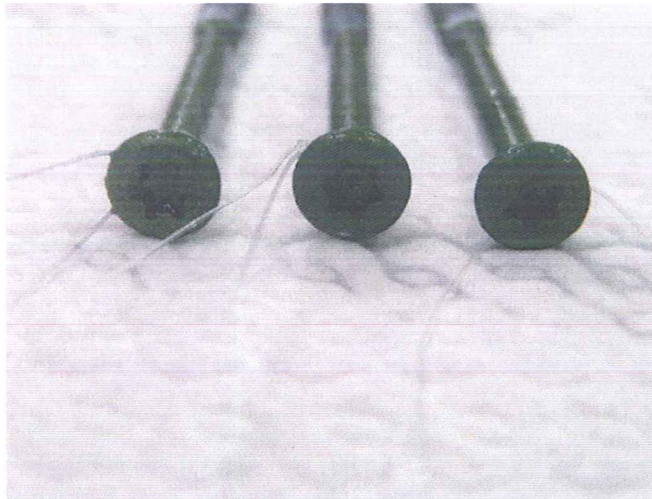
Date of Report : Dec. 22,2018

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Test Result:



Specimen Name: Aegis Coating Screw(AS-553)

Before Test



Specimen Name: Aegis Coating Screw(AS-553)

Before Test

----- 2 -----

The required specification(s) offered in this test report is/are for reference only.
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Jimmy Han
Signed for and on behalf of
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Test Report

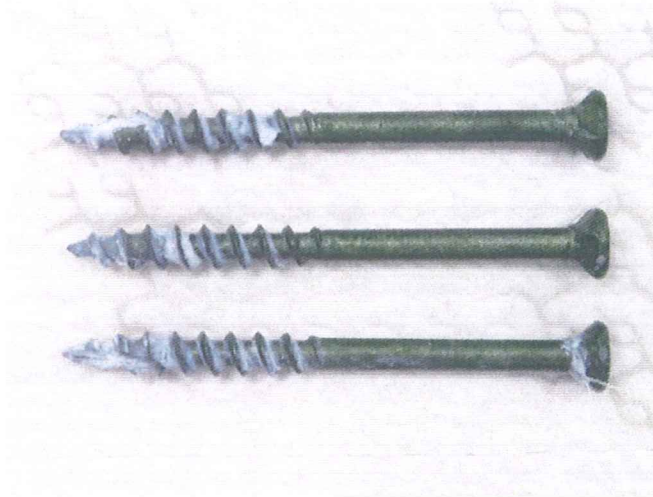


Report No. : KK-18-10276A

Page No. : 3 OF 4

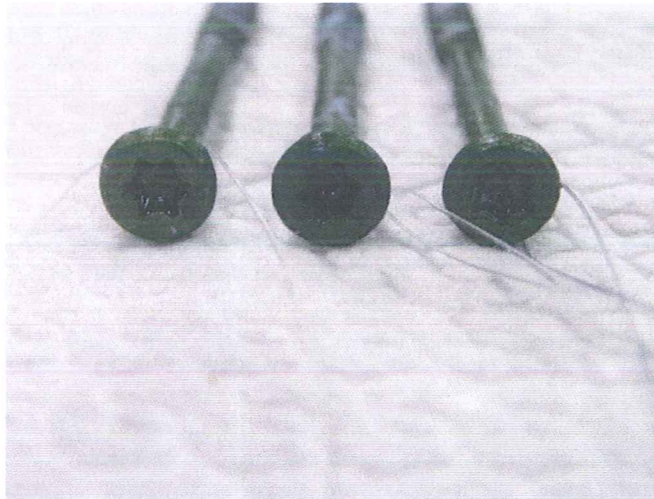
Date of Report : Dec. 22,2018

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Test Result:



Specimen Name: Aegis Coating Screw(AS-553)

After 500 Hours Test



Specimen Name: Aegis Coating Screw(AS-553)

After 500 Hours Test

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Jimmy Han
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SGS Taiwan Ltd.

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Test Report

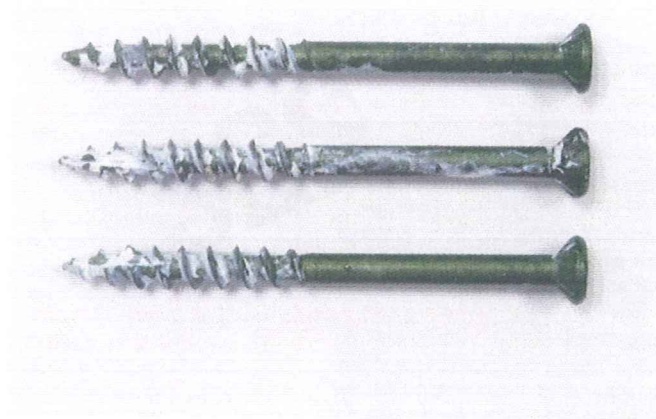


Report No. : KK-18-10276A

Page No. : 4 OF 4

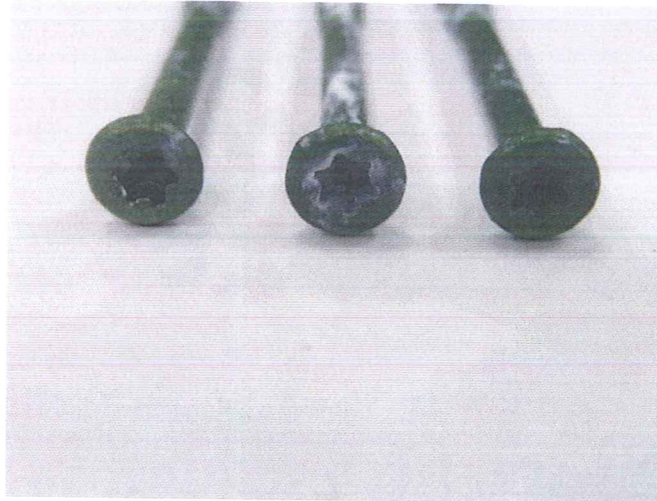
Date of Report : Dec. 22,2018

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Test Result:



Specimen Name: Aegis Coating Screw(AS-553)

After 1000 Hours Test



Specimen Name: Aegis Coating Screw(AS-553)

After 1000 Hours Test

Remark: This Test Report is an additional original report of KK-18-10276. Issued date : Dec.22,2018.

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