



材料暨工程實驗室-高雄

試驗報告



報告編號：KK-18-10278

頁數：1 OF 4

報告日期：107年12月22日

委託單位：鑫鏽企業有限公司、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-7608U

送驗廠商：鑫鏽企業有限公司、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-7608U)	如附照片 2 OF 4	試驗 500 小時後，樣品無產生紅鏽情形，如附照片 3 OF 4 試驗 1000 小時後，樣品無產生紅鏽情形，如附照片 4 OF 4

註：本樣品為報告編號 KK-18-05951 執行 2000 小時測試後，再繼續執行 1000 小時試驗(報告編號 KK-18-08842)，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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

TWC5820949

試驗報告

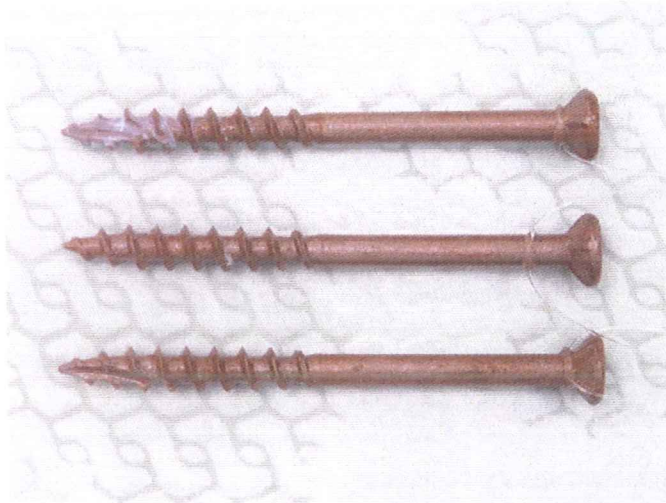


報告編號：KK-18-10278

頁數：2 OF 4

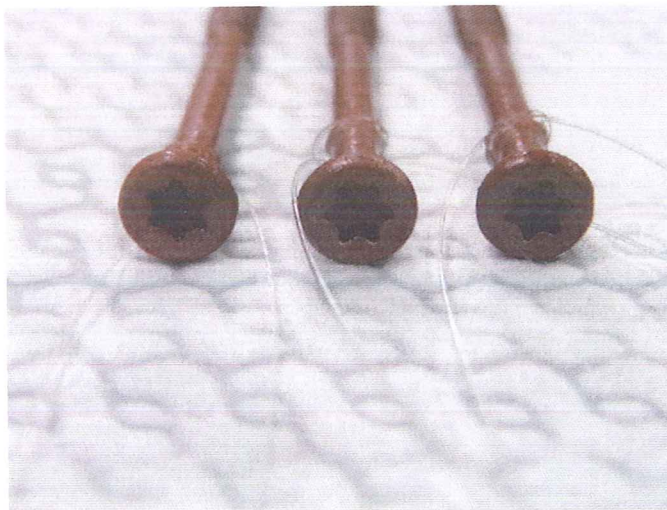
報告日期：107年12月22日

=====
試驗結果：



試件名稱：神盾塗裝螺絲(AS-7608U)

試驗前



試件名稱：神盾塗裝螺絲(AS-7608U)

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

評啟裕
報告簽署人

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

TWC5820950

試驗報告

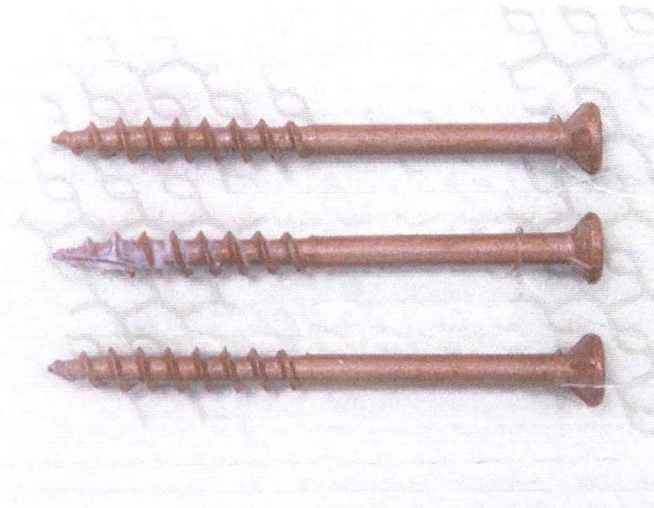


報告編號：KK-18-10278

頁數：3 OF 4

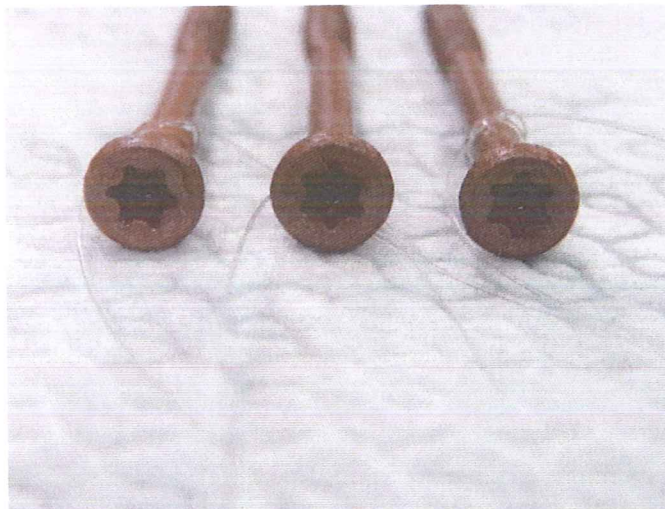
報告日期：107年12月22日

=====
試驗結果：



試件名稱：神盾塗裝螺絲(AS-7608U)

試驗 500 小時後



試件名稱：神盾塗裝螺絲(AS-7608U)

試驗 500 小時後

----- 3 -----

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

TWC5820951

試驗報告

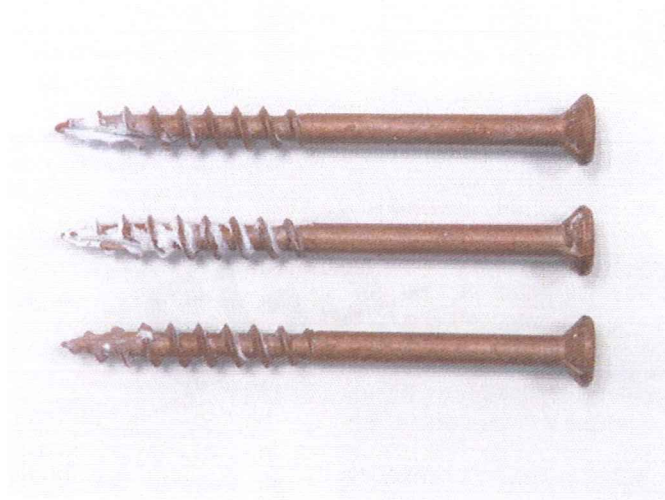


報告編號：KK-18-10278

頁數：4 OF 4

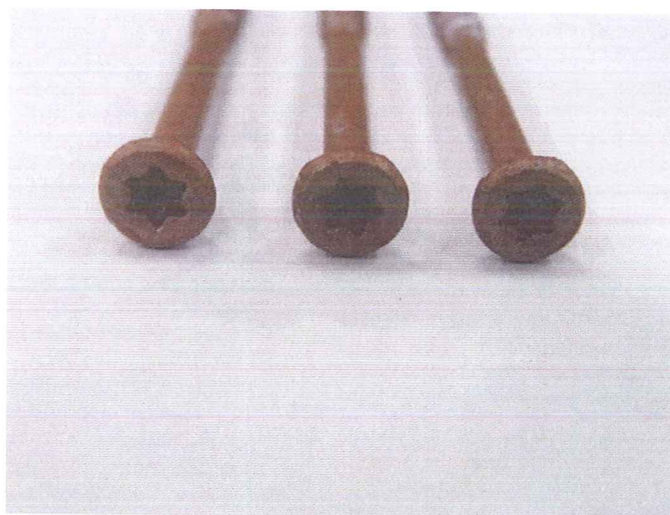
報告日期：107年12月22日

=====
試驗結果：



試件名稱：神盾塗裝螺絲(AS-7608U)

試驗 1000 小時後



試件名稱：神盾塗裝螺絲(AS-7608U)

試驗 1000 小時後

----- o O o -----

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.



Material and Engineering Laboratory-Kaohsiung

Test Report



Report No. : KK-18-10278A
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-7608U
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-7608U)	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-18-05951, and then continues to perform the 1000 hours test (report number KK-18-08842), 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 Han
Signed for and on behalf of
SGS Taiwan Ltd.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

TWC5820953

Test Report

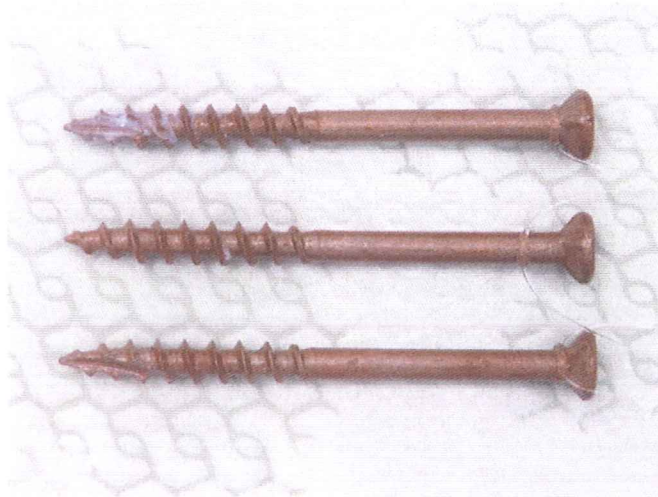


Report No. : KK-18-10278A

Page No. : 2 OF 4

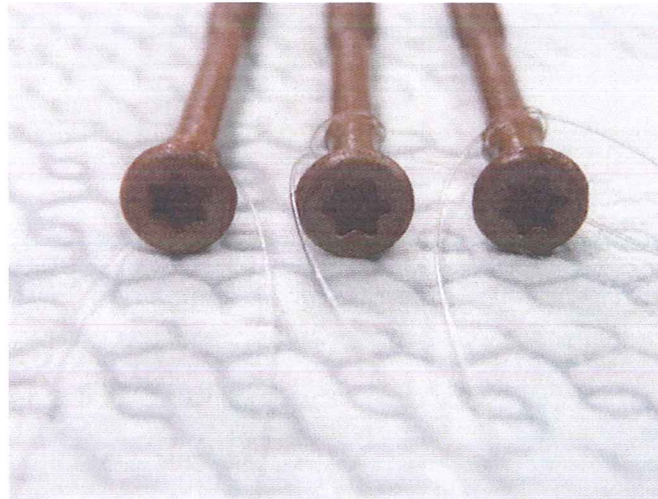
Date of Report : Dec. 22, 2018

=====
Test Result:



Specimen Name: Aegis Coating Screw(AS-7608U)

Before Test



Specimen Name: Aegis Coating Screw(AS-7608U)

Before Test

----- 2 -----

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 Han
Signed for and on behalf of
SGS Taiwan Ltd.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Test Report

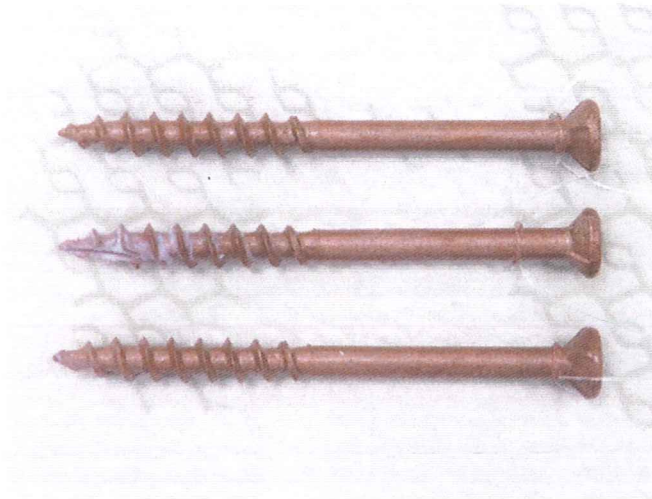


Report No. : KK-18-10278A

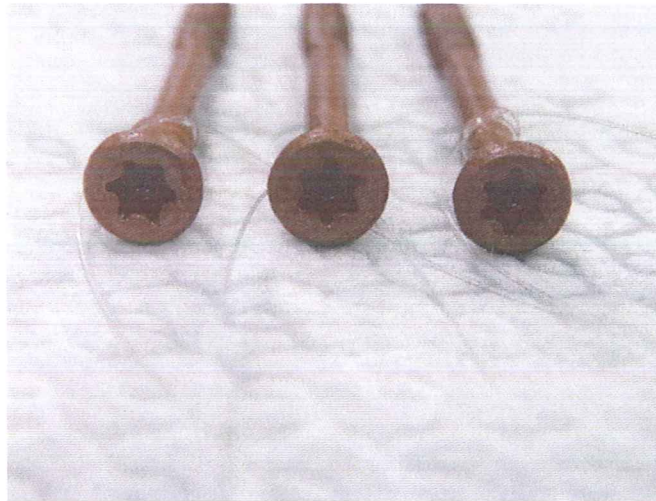
Page No. : 3 OF 4

Date of Report : Dec. 22,2018

=====
Test Result:



Specimen Name: Aegis Coating Screw(AS-7608U) After 500 Hours Test



Specimen Name: Aegis Coating Screw(AS-7608U) After 500 Hours Test

----- 3 -----

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Test Report

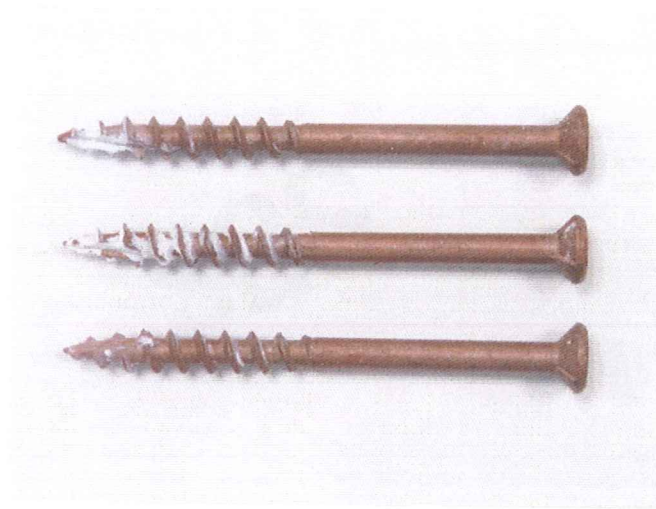


Report No. : KK-18-10278A

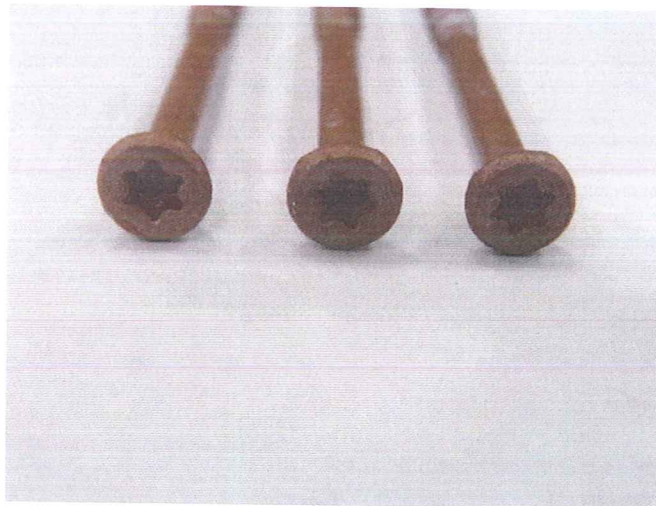
Page No. : 4 OF 4

Date of Report : Dec. 22,2018

Test Result:



Specimen Name: Aegis Coating Screw(AS-7608U) After 1000 Hours Test



Specimen Name: Aegis Coating Screw(AS-7608U) After 1000 Hours Test

Remark: This Test Report is an additional original report of KK-18-10278. Issued date : Dec.22,2018.

----- o o o -----

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 Hsu
Signed for and on behalf of
SGS Taiwan Ltd.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.