

試驗報告



報告編號：KV-24-08314

頁數：1 OF 2

報告發行日期：113 年 09 月 13 日

成大昶閣科技股份有限公司

產品名稱：樂天 BB 防水隔熱漆產品顏色：白色供應廠商：成大昶閣科技股份有限公司送驗廠商：成大昶閣科技股份有限公司收件日期：113 年 08 月 28 日試驗日期：113 年 08 月 28 日~113 年 09 月 13 日

備註：1.以上資料(會驗廠商、試驗方法、試驗數量、收件日期及試驗日期除外)及下述報告內容標示#處係由顧客提供
2.除非另有說明，此報告結果僅適用於收取之試驗件
未經本公司事先書面同意，此報告不可部分複製

試驗結果：

試驗項目	試驗方法	試驗結果
抗拉強度(N/mm ²)	CNS 8644：2014 丙烯酸脂橡膠系	4.2
斷裂伸長率(%)		550
撕裂強度(N/mm)		15
附著強度(kgf/cm ²)	CNS 10757：1995	20.9
熱傳導係數[W/(m·K)]	ASTM C518-21	0.0454

註：1.試驗樣品為單液型；抗拉強度、斷裂伸長率、撕裂強度、熱傳導係數試驗試片由委託單位製備提供。

2.附著強度試驗條件：

試驗數量：7 片，試驗結果為 7 片試驗之平均值。

試驗板：70 × 70 × 4 mm。

試驗速度：175 kgf / min。

試片破壞處：AB：基板與塗膜之界面破裂。

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報告簽署人

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：KV-24-08314

頁數：2 OF 2

報告發行日期：113 年 09 月 13 日

註：3.熱傳導係數試驗條件：

試片類型：板狀試片。

試樣厚度：2.49 mm (量測值)。

養護條件：(22±2) °C，(50±10) % R.H.至恆重。

養護試片密度：958.2 kg/m³。

養護期間質量改變：0 g。

量測過程之質量變化：0 g。

量測過程之厚度變化：0 mm。

量測過程之體積變化：0 cm³。

量測過程之平均溫差：20 °C。

平均溫度：22.9 °C。

通過試片之熱流率密度：366.645 W/m²。

儀器類型：單試片水平型，熱面在試片上方。

試驗時環境溫度：(23±2) °C，(50±10) % R.H.。

前次熱流計查驗日期：2024 年 05 月 03 日。

標準片：NIST 1450e (驗證日期 2020 年 04 月 28 日)。

4.本試驗報告附著強度、熱傳導係數試驗為本實驗室 TAF 認證範圍，其餘則非。

5.樣品描述：塗液材料、乾膜膜片。

6.本實驗室執行試驗之地點同實驗室地址。

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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: KV-24-10712

頁數: 1 OF 2

報告發行日期: 113 年 12 月 09 日

成大昶閣科技股份有限公司

產品名稱: 樂天 BB 防水隔熱漆產品顏色: 淺灰色供應廠商: 成大昶閣科技股份有限公司送驗廠商: 成大昶閣科技股份有限公司收件日期: 113 年 11 月 13 日試驗日期: 113 年 11 月 13 日~113 年 12 月 09 日備註: 1.以上資料(會驗廠商、試驗方法、試驗數量、收件日期及

試驗日期除外)及下述報告內容標示#處係由顧客提供

2.除非另有說明,此報告結果僅適用於收取之試驗件

未經本公司事先書面同意,此報告不可部分複製

試驗結果:

試驗項目		試驗方法	試驗結果
抗拉強度(kgf/cm ²)	試驗溫度 23 °C	CNS 8644 : 2014	49
斷裂時伸長率(%)		(v = 200 mm/min)	510
撕裂強度(kgf/cm)		CNS 8644 : 2014 (v = 200 mm/min)	17
附著強度(kgf/cm ²)		CNS 10757 : 1995	31.3
熱傳導係數(23 °C)[W/(m·K)]		ASTM C518-21	0.0455

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試驗報告



報告編號：KV-24-10712

頁數：2 OF 2

報告發行日期：113 年 12 月 09 日

註：1.試驗試片由委託單位製備提供。

2.附著強度試驗：

實驗室環境條件：環境溫度： $(23 \pm 2)^\circ\text{C}$ ；相對濕度： $(65 \pm 5)\%$ 。

試驗數量：7 片，試驗結果為 7 片試驗之平均值。

試驗板：70 × 70 × 4 mm 鋼板。

試驗速度：175 kgf / min。

試片破壞處：AB：基板與塗膜之界面破裂。

3.熱傳導係數試驗：

試片類型：板狀試片。

試樣厚度：1.70 mm (量測值)。

養護條件： $(22 \pm 2)^\circ\text{C}$ ， $(50 \pm 10)\%$ R.H.至恆重。養護試片密度：1049.3 kg/m³。

養護期間質量改變：0 g。

量測過程之質量變化：0 g。

量測過程之厚度變化：0 mm。

量測過程之體積變化：0 cm³。

量測過程之平均溫差：20 °C。

平均溫度：23.0 °C。

通過試片之熱流率密度：535.32 W/m²。

儀器類型：單試片水平型，熱面在試片上方。

試驗時環境溫度： $(23 \pm 2)^\circ\text{C}$ ， $(50 \pm 10)\%$ R.H.。

前次熱流計查驗日期：2024 年 05 月 03 日。

標準片：NIST 1450e (驗證日期 2020 年 04 月 28 日)。

4.樣品描述：塗料相關製品。

5.本試驗報告附著強度、熱傳導係數試驗為本實驗室 TAF 認證範圍，其餘則非。

6.本實驗室執行試驗之地點同實驗室地址。

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