

試驗報告

報告編號：TB-15-01355X
C-15-05242

頁數：1 OF 3
報告日期：104年04月07日

工程名稱：自測
承 包 商：-----
委託單位：宏庚興業有限公司
地 址：台北市中華路二段149號
供 料 廠 商：-----
樣品名稱：矽酸鈣+防蟲夾板
送 驗 人 員：宏庚興業有限公司-盧嘉玲
收 件 日 期：104年03月17日
試 驗 日 期：104年03月17日~104年04月07日
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
3.本樣品由SGS材料及工程實驗室-台北(申請書號碼：HB-15-01968W C-15-07084，
收件日期：104年03月16日)轉送至本實驗室執行本報告所示之試驗項目

試驗結果：

試驗方法		CNS 14705-1(2013)				
試驗項目		燃燒熱釋放率試驗				
試體名稱		矽酸鈣+防蟲夾板				
試驗日期		104年04月07日				
試體基本資料	試體序號	1	2	3	平均值	規範值
	加熱時間	5 min	5 min	5 min	-----	5 min
	長(mm)*寬(mm)	100 * 100	99 * 100	99 * 100	-----	-----
	厚 度(mm)	14.4	14.4	14.5	-----	-----
	試體質量(g)	108.6	104.4	110.3	-----	-----
試驗結果	總熱釋放量(MJ/m ²)	1	1	1	1	≤ 8
	180秒平均熱釋放率(kW/m ²)	2.6	3.8	3.0	3.1	-----
	有效燃燒熱(MJ/kg)	0.8	1.1	1.3	1.1	-----
	質量損失率(g/(m ² ·s))	2.7	2.5	2.1	2.4	-----
	持續燃燒時間(sec)	0	0	0	-----	-----
	最大熱釋放率無連續10秒以上 超過200 kW/m ²	符合	符合	符合	-----	符合
	有無貫穿至背面之龜裂及孔穴	無	無	無	-----	無
備註	1.試片狀態之調節：溫度 23 ± 2 °C 相對濕度 50 ± 5 %處理至恆重 2.試驗環境：無風效應環境 溫度：10 ~ 40 °C 相對濕度：20 ~ 80 % 3.加熱條件：電熱氣輻照度：50 kw/m ² 電熱器溫度：734 °C ± 10 °C 4.校正係數：0.035 ~ 0.045 5.排氣流量：0.024 ± 0.002 m ³ /S 6.試體形狀：正方形 7.樣品數目：3個 8.樣品材料：廠商提供 9.熱釋放率曲線：見附圖 10.試體一：上層約 6.0 mm 矽酸鈣板，下層約 8.4 mm 防蟲夾板組成 11.試體二：上層約 6.0 mm 矽酸鈣板，下層約 8.4 mm 防蟲夾板組成 12.試體三：上層約 6.0 mm 矽酸鈣板，下層約 8.5 mm 防蟲夾板組成 符合CNS 14705-1(2013)規定之耐燃三級					

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本報告若有提供規範值時，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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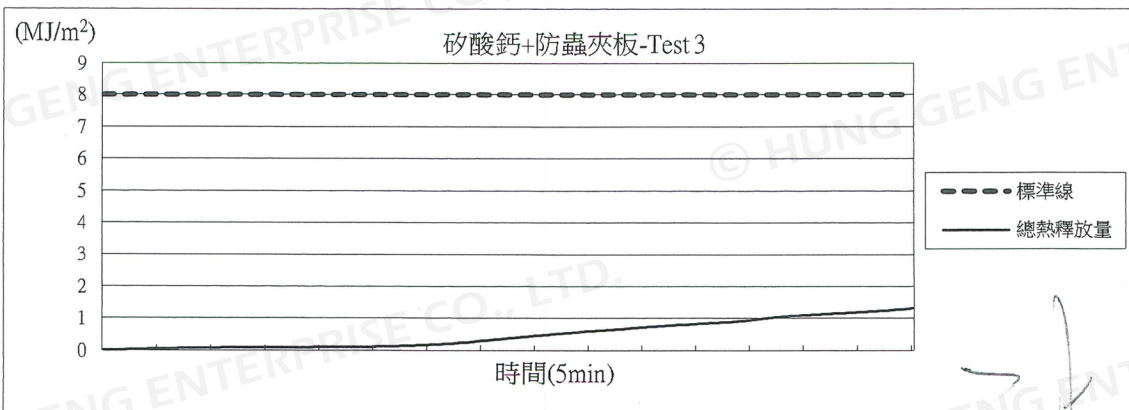
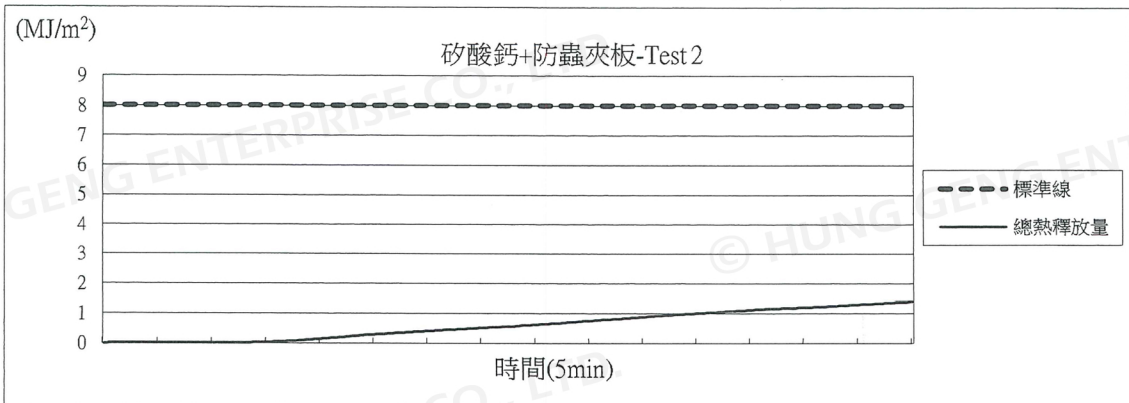
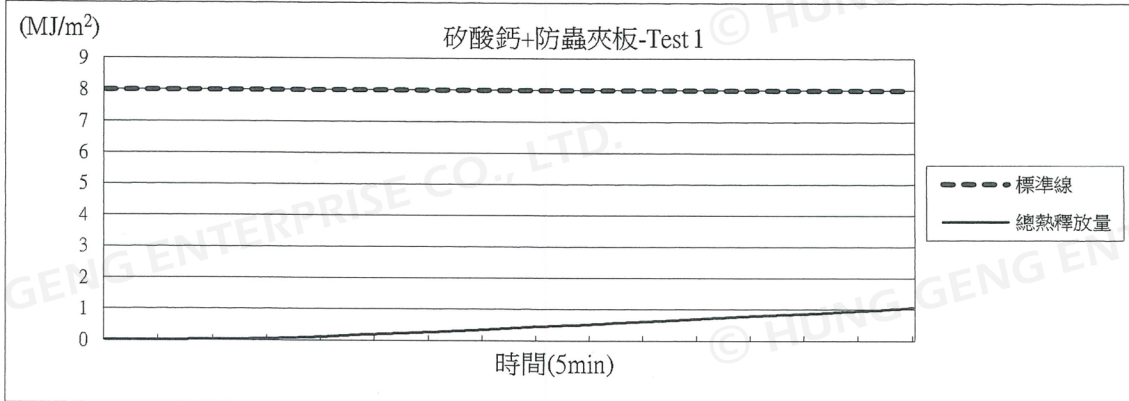
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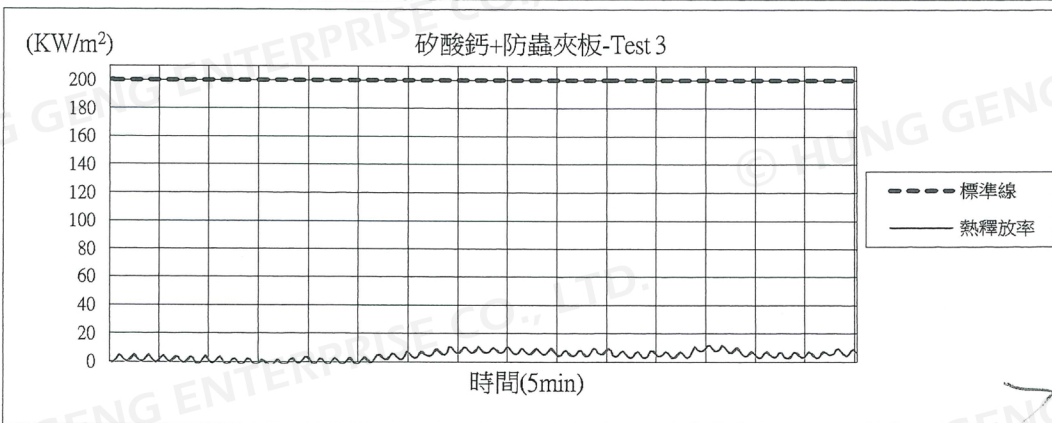
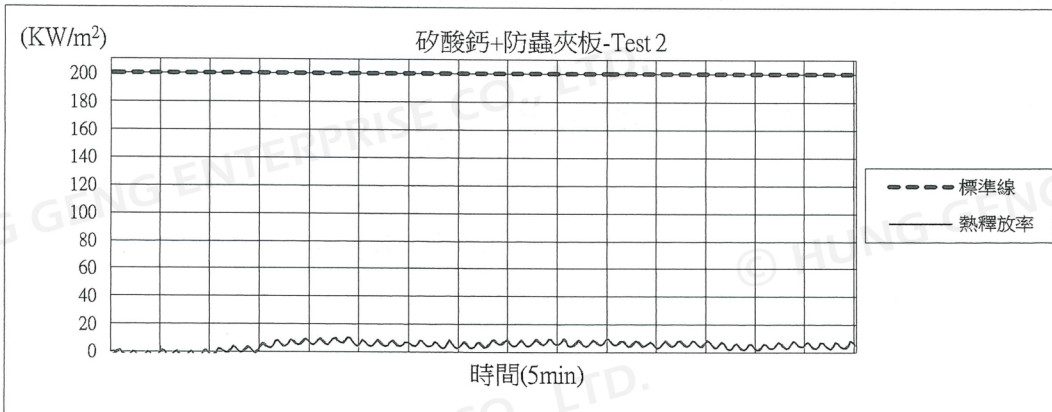
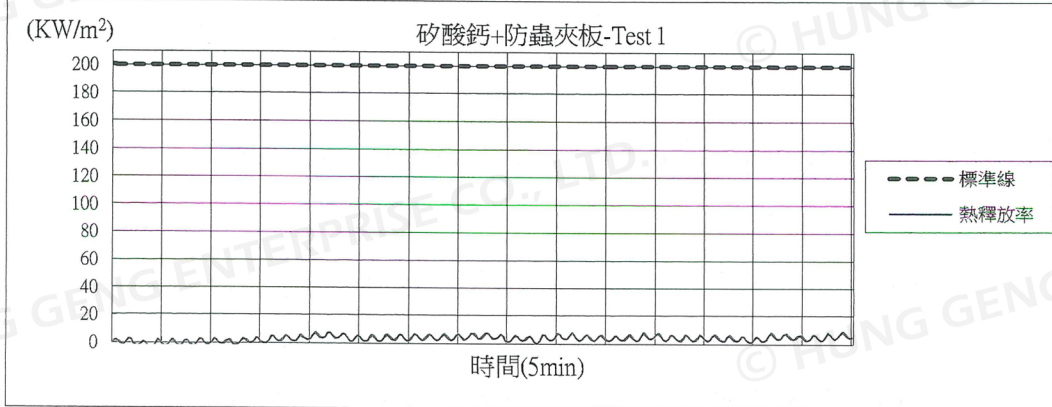
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