

試驗報告



報告編號: TB-26-04921

C-26-14361

頁數: 1 OF 3

報告發行日期: 115年09月16日

工程名稱: 自測

承包商: ----

委託單位: 華樞有限公司

地址: 高雄市苓雅區福建街296號

供料廠商: ----

樣品名稱: 超岩板

送驗人員: 華樞有限公司-孫柏帆

收件日期: 115年08月18日

試驗日期: 115年08月18日~115年09月16日

備註: 1. 以上資料(會驗人員、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

3. 本樣品由SGS材料暨工程實驗室-高雄(申請書號碼: KB-26-07072 C-26-19962,

收件日期: 115年08月14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					
試驗名稱		超岩板					
試驗日期		115年09月09日					
試體基本資料	試體序號	1	2	3	平均值	# CNS 14705-1:2013 耐燃一級規範值 ^(註10)	
	加熱時間	20 min	20 min	20 min	-----	20 min	
	長(mm)*寬(mm)	100*100	100*100	100*100	-----	-----	
	厚度(mm)	2.7	2.7	2.7	-----	-----	
	試體質量(g)	48.3	48.5	47.0	-----	-----	
試驗結果	總熱釋放量(MJ/m ²)	13	13	13	13	≤ 8	> 8 and ≤ 15
	180秒平均熱釋放率(kW/m ²)	56.6	54.3	53.2	54.7	-----	
	有效燃燒熱(MJ/kg)	1.0	1.0	1.4	1.1	-----	
	質量損失率(g/(m ² ·s))	0.4	0.4	0.4	0.4	-----	
	持續燃燒時間(sec)	42~286	48~258	37~244	-----	-----	
	最大熱釋放率無連續10秒以上超過200 kW/m ²	6秒	4秒	無	-----	無連續10秒以上	
	有無貫穿至背面之龜裂及孔穴	無	無	無	-----	無	
	基材最高溫度(°C)	---	---	---	-----	≤ 810	
	b參數	-0.7	-0.7	-0.7	-----	-----	≤ -0.4
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: 725 °C ± 10 °C						
	4. 校正係數: 0.040019						
	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. 耐燃一級材料總熱釋放量為8 MJ/m ² 以下, 或總熱釋放量為15 MJ/m ² 以下且b參數為-0.4以下						
	11. 樣品描述: 一般建築用板						
	12. 試體一: 熱釋放率72~77秒, 連續6秒超過 200kW/m ²						
	試體二: 熱釋放率80~83秒, 連續4秒超過 200kW/m ²						
	13. 本試驗報告之試驗地點於彰化縣福興鄉彰鹿路七段122號						

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。

報告簽署人

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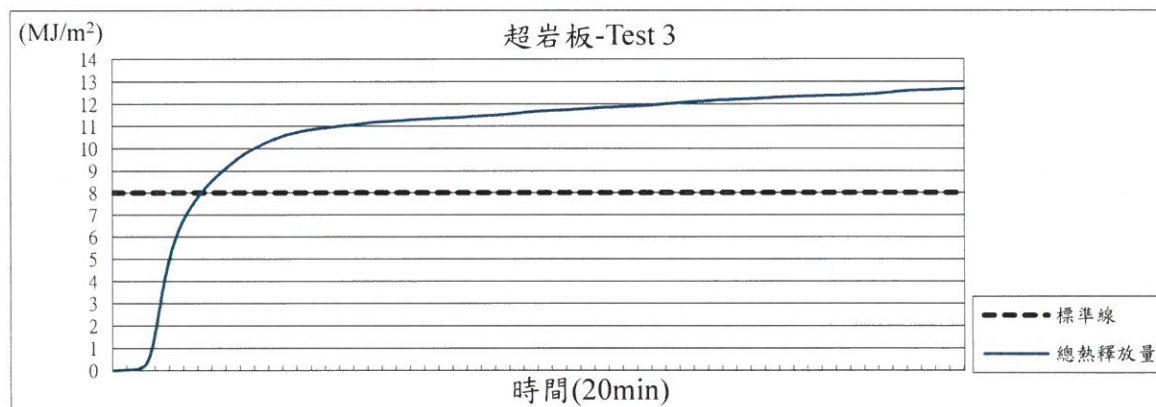
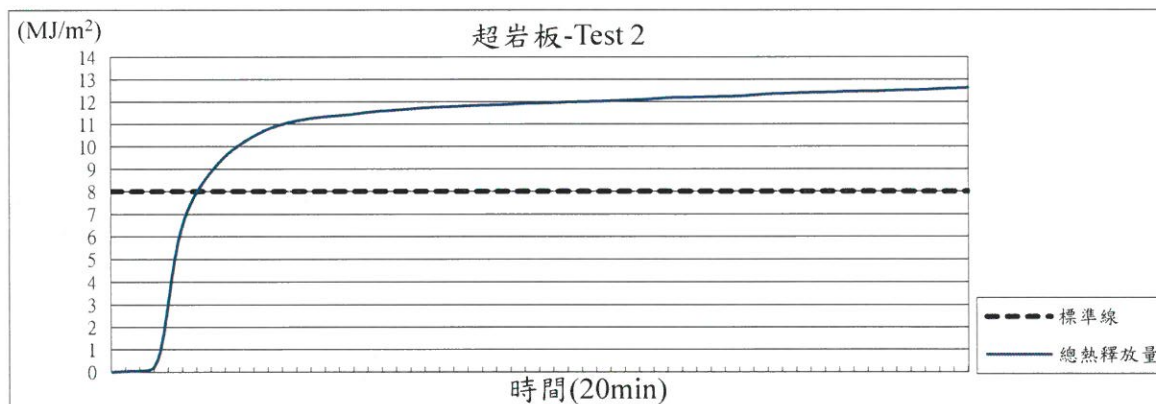
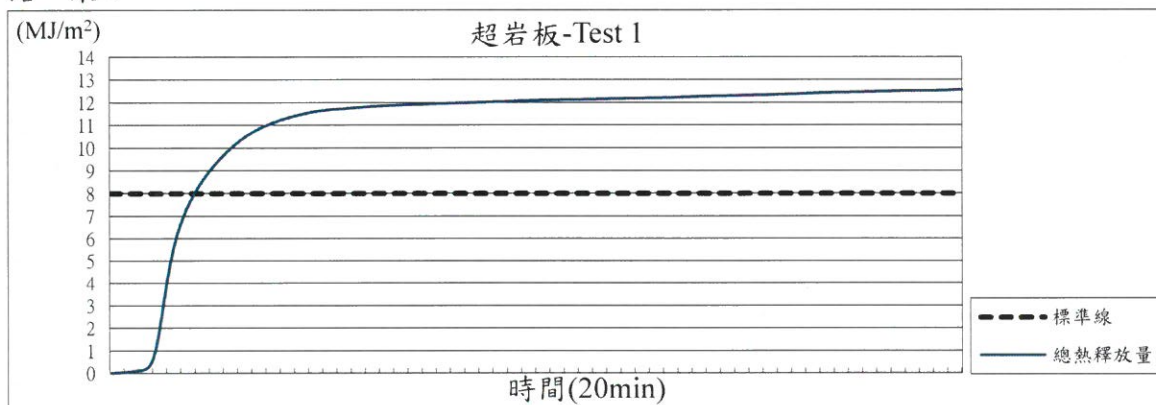
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試驗結果:



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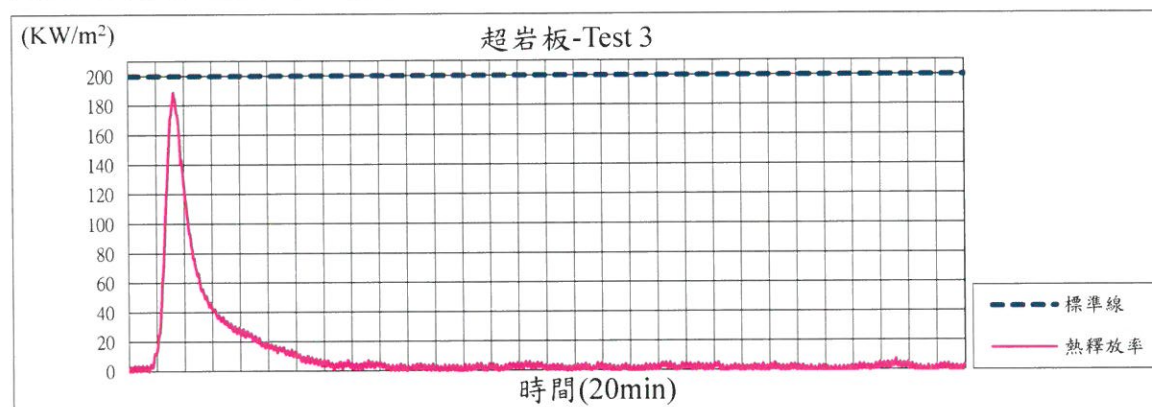
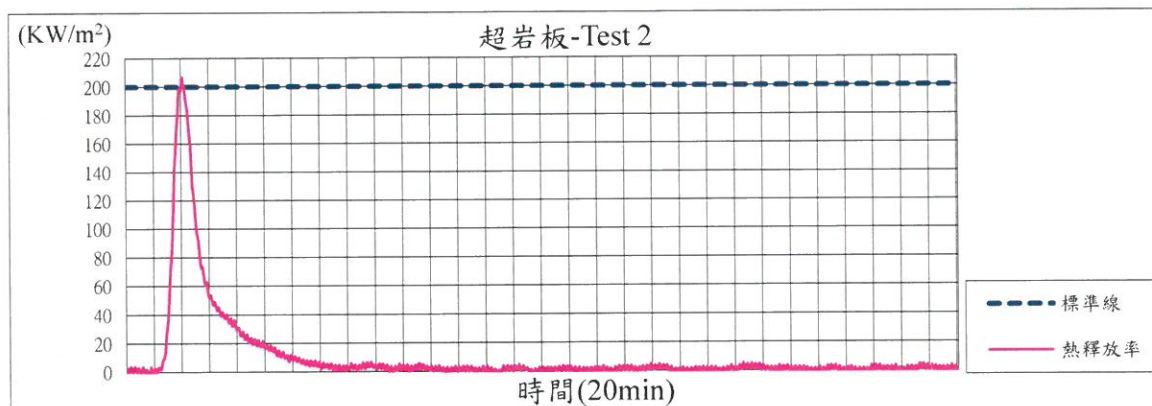
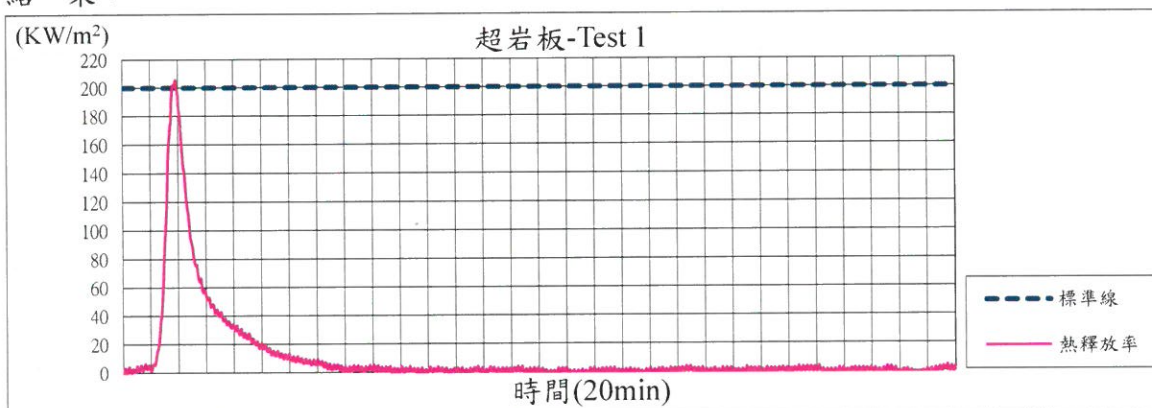
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