



材料及工程實驗室-台中

### 試驗報告



報告編號：TV-15-00939X-1

頁數：1 OF 3

報告日期：104年05月27日

委託單位：宏庚興業有限公司  
 地址：台北市中正區中華路2段143號  
 產品名稱：HG 水性自然塗裝板  
 產品型號：SIKKENS 木結構專用塗料  
 製造廠商：AKZO Nobel  
 供應廠商：宏庚興業有限公司  
 送驗廠商：宏庚興業有限公司  
 收件日期：104年03月27日  
 試驗日期：104年03月27日~104年05月27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

#### 試驗結果：

試驗項目	試驗方法	試驗結果
耐濕性(50°C,95%RH 經 24h)	CNS 11607(1995)	無異狀
耐酸性(5%H <sub>2</sub> SO <sub>4</sub> ,室溫經 24h)	CNS10757(1995)	無異狀
耐鹼性(5%Na <sub>2</sub> CO <sub>3</sub> ,室溫經 24h)	CNS10757(1995)	無異狀
表面耐磨耗-耐磨迴轉數	CNS 11367(1985)	55 轉

試驗項目	試驗方法	試驗結果	規範要求		
			防焰一級	防焰二級	防焰三級
防焰試驗	CNS 7614(1994) A 法	----	防焰一級	防焰二級	防焰三級
火源加熱時間(sec)		10	-----		
餘焰時間(sec)		0.0	≤1	≤5	≤5
餘燼時間(sec)		0.0	≤60	≤60	≤60
碳化長度(cm)		2.9	≤5	≤10	≤15

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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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材料及工程實驗室-台中

### 試驗報告



報告編號：TV-15-00939X-1  
頁數：2 OF 3  
報告日期：104年05月27日

試驗結果：

試驗項目:防霉性試驗

試驗方法: ASTM G21-96(2002)Standard Practices of Determining Resistance of Synthetic Polymeric Materials of Fungi.

試驗時間：培養時間:28天

判斷方式： 等級 樣品生長情形

0	無黴菌生長
1	微量生長(黴菌生長面積<10%)
2	輕度生長(黴菌生長面積介於 10%~30%)
3	中度生長(黴菌生長面積介於 30%~60%)
4	大量生長(黴菌生長面積>60%)

試驗菌株:

<i>Aspergillus niger</i> (黑黴)	ATCC 9642
<i>Penicillium pinophilum</i> (四松青黴)	ATCC 11797
<i>Chaetomium globosum</i> (球毛殼)	ATCC 6205
<i>Aureobasidium pullulans</i> (出芽短梗黴)	ATCC 15233
<i>Gliocladium virens</i> (綠黏帚黴)	ATCC9645

試驗結果:

黴菌在樣品上生長狀況	級數
無黴菌生長	0 級

----- 2 -----

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## 試驗報告



報告編號：TV-15-00939X-1  
 頁數：3 OF 3  
 報告日期：104年05月27日

試驗結果：

試驗項目	試驗方法	試驗結果	偵測極限
甲醛(mg/kg)	參考 CNS 9538(1999),以分光光度計檢測	n.d.(未檢出)	5
重金屬含量(ppm)	參考 ASTM F963-11,以 ICA-AES 檢測	n.d.(未檢出)	5
溶出鉛(Pb)		n.d.(未檢出)	5
溶出銻(Sb)		n.d.(未檢出)	2.5
溶出砷(As)		n.d.(未檢出)	10
溶出鋇(Ba)		n.d.(未檢出)	5
溶出鎘(Cd)		n.d.(未檢出)	5
溶出鉻(Cr)		n.d.(未檢出)	5
溶出汞(Hg)		n.d.(未檢出)	5
溶出硒(Se)	n.d.(未檢出)	5	

註: 1.本試驗報告甲醛及重金屬含量試驗委託 SGS 綜合化學實驗室-台北執行  
 2.試驗條件說明如下

- 2.1. mg/kg = ppm ; 0.1wt% = 1000ppm
- 2.2. n.d. = Not Detected / 未檢出
- 2.3. MDL = Method Detection Limit / 方法偵測極限值

- 3.本試驗報告防霉性試驗委託 SGS 食品實驗室-高雄執行
- 4.防焰試驗:樣品平均厚度2.9mm
- 5.本試驗報告取代 TV-15-00939X，原試驗報告及其加發報告 TV-15-00939XA 作廢，報告修改日期 104 年 06 月 18 日

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