



中国认可
国际互认
检测
TESTING
CNAS L4350



检验检测报告

TEST REPORT

No.:SL226-240249

样品名称	高压树脂室外板
Sample Name	<u>Exterior Compact Board</u>
型号规格	1220mm×2440mm×6mm
Size/Class	<u>1220mm×2440mm×6mm</u>
委托单位	常州鑫德源恒耐火板装饰材料股份有限公司
Applicant	<u>CHANGZHOU SUN PLUS LAMINATE CO., LTD</u>
检验类别	普通送样
Test Type	<u>Common Sample</u>

上海建科检验有限公司

Shanghai Jianke Technical Assessment of Construction Co.,Ltd.

国家建筑工程材料质量检验检测中心

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检验类别：普通送样

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委托编号：SL22-230839

Contract No.

报告编号：SL226-240249

Report No.

第 1 页 共 6 页

Page 1 of 6

委托单位 Applicant	常州鑫德源恒耐火板装饰材料股份有限公司 CHANGZHOU SUN PLUS LAMINATE CO.,LTD	联系电话 Tel.	13395169651
单位地址 Address	常州市武进区横林镇卫星村武青路 16 号 No.16 Wuqing Road, Weixing Industry, Henglin Town, Changzhou, China	委托日期 Contract Date	2023-12-28
样品名称 Sample Name	高压树脂室外板 Exterior Compact Board	样品编号 Sample No.	SL22-230839-01
生产单位 Manufacturer	常州鑫德源恒耐火板装饰材料股份有限公司 CHANGZHOU SUN PLUS LAMINATE CO.,LTD	生产日期 Manufacture Date	2023-12-21
型号规格 Size/Class	1220mm×2440mm×6mm	批号 Batch number	—
样品数量 Quantity	1200mm×600mm; 12 块、500mm×500mm; 6 块 1200mm×600mm; 12PCS、500mm×500mm; 6PCS	代表数量 Batch Quantity	—
商 标 Trade	—	到样日期 Received Date	2023-12-28
样品状态 Sample Description	双面木纹纸饰面板 Double-sided wood grain paper decorative board		
判定依据 Judgment Standard	GB 8624-2012 《建筑材料及制品燃烧性能分级》、JG/T 260-2009 《建筑幕墙用高压热固化木纤维板》 GB 8624-2012 "Classification for burning behavior of building materials and products"、JG/T 260-2009 "High-pressure laminates-sheets based on thermosetting resins for curtain wall"		
检验日期 Testing Date	2024-01-02~2024-06-02	签发日期 Issuing Date	2024-06-05
检验地点 Test Address	上海市申富路 568 号、上海市金流路 892 号 No.568 Shenfu Road, Shanghai、No.892 Jinliu Road, Shanghai		
检验结论 Test Conclusion	该样品本次检验结果见第 2~6 页，其中燃烧性能的检验结果符合 GB 8624-2012 中平板状建筑材料及制品 B ₁ (C-s2, d0, t0) 级的技术要求。 See the 2~6 pages, the combustion performance meets the requirements of B ₁ (C-s2, d0, t0) level for flat building materials in GB 8624-2012.		
备注 Remarks	— 检验机构（盖章） Organization (Stamp)		

批准：
Approved by

李俊
姚玉梅

审核：
Reviewed by

刘海

编制：
Prepared by

孙悦

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Test Type: Common Sample
委托编号: SL22-230839
Contract No.

报告编号: SL226-240249
Report No.

第 2 页 共 6 页
Page 2 of 6

检测结果汇总 Test Result Collection						
序号 No.	检测项目 Test Item(s)	标准值 Requirement of Standard	检测结果 Test Result	检测标准 Test Standard	单项 判定 Judg ment	
1	SBI 单体燃烧 试验 Single burning item test	燃烧增长率指数 FIGRA _{0.4MJ} , W/s Fire growth rate index, W/s	≤250	125	GB/T 20284-2006	合格 Pass
		火焰横向蔓延 LFS Lateral flame spread on the long specimen wing	< 试样长翼边缘 Less than edge of long wing of specimen	< 试样长翼边缘 Less than edge of long wing of specimen		合格 Pass
		前 600s 总放热量 THR _{600s} , MJ Total heat release within 600s	≤15	13		合格 Pass
2	产烟特性 Smoke production characteristics	烟气生成速率指数 SMOGR, m ² /s ² Smoke growth rate index	≤180	8	GB/T 20284-2006	合格 Pass
		前 600s 总产烟量 TSP _{600s} , m ² Total smoke production within 600s	≤200	75		合格 Pass
3	燃烧滴落物/ 微粒 Flaming droplets/ particles	d0	600s 内无燃烧滴 落物/微粒 No flaming droplets/particles within 600s	600s 内无燃烧滴 落物和微粒 No flaming droplets/particles occur within 600s	GB/T 20284-2006	合格 Pass

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Test Type: Common Sample
委托编号: SL22-230839
Contract No.

报告编号: SL226-240249
Report No.

第 3 页 共 6 页
Page 3 of 6

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4	可燃性 Ignitability test	点火时间 30s, 60s 内焰尖高度, mm Exposure=30s, flame spread within 60s	≤150	<150	GB/T 8626- 2007	合格 Pass
		燃烧滴落物引燃 滤纸现象 No ignition of the paper	无 No	无 No		合格 Pass
5	烟气毒性等级 Smoke toxicity	t0	达到准安全一级 ZA ₁ Reach the requirement of ZA ₁	达到准安全一级 ZA ₁ Reach the requirement of ZA ₁	GB/T 20285- 2006	合格 Pass
6	密度, kg/m ³ Density, kg/m ³	≥1300	1409	GB/T 17657- 1999	合格 Pass	
7	吸水率, % Water absorption, %	≤1.0	0.6	GB/T 17657- 1999	合格 Pass	
8	弹性模量, MPa Modulus of elasticity, MPa	≥9000	9110	GB/T 17657- 1999	合格 Pass	

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委托编号: SL22-230839
Contract No.

报告编号: SL226-240249
Report No.

第 4 页 共 6 页
Page 4 of 6

检测结果汇总 Test Result Collection						
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9	弯曲强度, MPa Bending strength, MPa	≥ 80	160	GB/T 17657-1999	合格 Pass	
10	湿循环性能 Resistance to wet cycle	弯曲强度, MPa Bending strength, MPa	≥ 80	127	GB/T 17657-1999	合格 Pass
	吸水厚度膨胀率, % Thickness swelling, %	≤ 0.5	0.3			
	表面质量 Surface quality	表面无裂纹、无鼓泡、无龟裂, 颜色及光泽无变化 No cracks, bubbles, cracks, color differences, or gloss changes on the surface	表面无裂纹、无鼓泡、无龟裂, 颜色及光泽无变化 No cracks, bubbles, cracks, color differences and gloss changes on the surface			
11	表面耐划痕性能 Resistance to scratching	$\geq 1.0N$, 表面无整圈划痕 $\geq 1.0N$, with no full circle scratch on the surface	1.0N, 表面无整圈划痕 1.0N, with no full circle scratch on the surface	GB/T 17657-1999	合格 Pass	
12	尺寸稳定性, mm/m Dimensional stability, mm/m	≤ 5	2	GB/T 17657-1999	合格 Pass	
13	表面耐污染腐蚀性能 Resistance to staining	表面无污染、无腐蚀 Surface free from pollution and corrosion	表面无污染、无腐蚀 Surface free from pollution and corrosion	GB/T 17657-1999	合格 Pass	

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委托编号: SL22-230839

Contract No.

报告编号: SL226-240249

Report No.

第 5 页 共 6 页

Page 5 of 6

检测结果汇总 Test Result Collection						
序号 No.	检测项目 Test Item(s)		标准值 Requirement of Standard	检测结果 Test Result	检测标准 Test Standard	单项 判定 Judg ment
14	抗冲击性能 Resistance to impact	表面状况 Surface condition	表面无裂纹、无龟裂 No cracks or cracks on the surface	表面无裂纹、无龟裂 No cracks and cracks on the surface	GB/T 17657- 1999	合格 Pass
		压痕直径, mm Indentation diameter, mm	单个值 ≤ 6 Single value ≤ 6	4		
15	抗气候激变性能 Anti-climate shock performance		试件表面无裂纹、无鼓包和分层。经试验后试件的弯曲强度应不小于存放样品的 95%，且应不小于 76MPa。 No cracks, bulges, or delamination on the surface of the specimen. The bending strength of the specimens after climate testing should not be less than 95% of the stored sample and should not be less than 76MPa.	试件表面无裂纹、无鼓包和分层。经试验后试件的弯曲强度为 147MPa，达到存放样品弯曲强度的 97%。 No cracks, bulges and delamination on the surface of the specimen. The bending strength of the specimens after climate testing is 147MPa, which reaches 97% of the bending strength of the stored samples.	GB/T 17657- 1999	合格 Pass

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Contract No.

报告编号: SL226-240249
Report No.

第 6 页 共 6 页
Page 6 of 6

检测结果汇总 Test Result Collection

序号 No.	检测项目 Test Item(s)	标准值 Requirement of Standard	检测结果 Test Result	检测标准 Test Standard	单项 判定 Judg ment
16	人工气候老化性 (氙弧灯, 3000h) Artificial climate aging performance (Xenon arc lamp,3000h)	暴露表面无裂纹、无鼓包、无龟裂, 色泽、光泽均匀; 与存放样品对比, 颜色无明显变化 The exposed surface has no cracks, bulges, or cracks, and the color and luster are uniform; compared with the stored samples, there is no significant color change	暴露表面无裂纹、无鼓包、无龟裂, 色泽、光泽均匀; 与存放样品对比, 颜色无明显变化 The exposed surface has no cracks, bulges, or cracks, and the color and luster are uniform; compared with the stored samples, there is no significant color change	GB/T 16422.2-2022	合格 Pass
说明 Declaration	<p>1、应委托单位要求: 序号 1~5 项按 GB 8624-2012《建筑材料及制品燃烧性能分级》进行评级。序号 6~16 项按 JG/T 260-2009《建筑幕墙用高压热固化木纤维板》进行判定。 ——序号 1~5 项试验结果只与特定的试验条件下试样的性能有关; 试验结果不能作为评估制品在实际使用条件下潜在火灾危险性的唯一依据。产烟毒性检测时染毒箱内烟气浓度为 25.0mg/L。 ——序号 13 项按 GB/T 17657-1999《人造板及饰面人造板理化性能试验方法》进行检测。污染物分别为硫酸水溶液(体积分数 0.5%) 和水泥、石灰、水混合物(配合比 1:1:1)。 ——序号 16 项应委托单位要求按 GB/T 16422.2-2022《塑料 实验室光源暴露试验方法 第 2 部分: 氙弧灯》(方法 A, 循环序号 1) 进行检测, 并按 JG/T 260-2009《建筑幕墙用高压热固化木纤维板》进行判定。 2、序号 1~5 项检测地址为上海市金流路 892 号, 序号 6~16 项检测地址为上海市申富路 568 号。 3、本报告为 SL226-240189(报告编号)的补充件。 1. According to the requirements of the applicant, items 1 to 5 shall be rated according to GB 8624-2012 "Classification for burning behavior of building materials and products". Items 6 to 16 shall be judged according to JG/T 260-2009 "High-pressure laminates-sheets based on thermosetting resins for curtain wall". ——Test results for items 1 to 5 are only related to the properties of specimen under specific test conditions; the test results cannot be used as the sole basis for evaluating the potential fire hazard of the products in actual use conditions. The concentration of smoke in poison chamber was 25.0 mg/L. ——Item 13 shall be tested in accordance with GB/T 17657-1999 "Test Methods of evaluating the properties of wood based panels and surface decorated wood-based panels". Sulfuric acid aqueous solution (volume fraction 0.5%) and a mixture of cement, lime, and water (mix ratio 1:1:1). ——According to the requirements of the applicant, item 16 shall be tested in accordance with GB/T 16422.2-2022 "Plastics—Methods of exposure to laboratory light sources—Part 2 : Xenon-arc lamps"(Method A, Cycle Number 1), and judged in accordance with JG/T 260-2009 "High-pressure laminates-sheets based on thermosetting resins for curtain wall". 2. The testing address for items 1 to 5 is No. 892 Jinliu Road, Shanghai, and the testing address for items 6 to 16 is No. 568 Shenfu Road, Shanghai. 3. This report is a supplementary report to SL226-240189 (report number).</p>				

(本报告内容结束)

(End of report)

联系方式: 上海市申富路 568 号(邮编: 201108) 021-54428584/54425584

Contacts: No.568 Shenfu Road, Shanghai (Zip:201108) 021-54428584/54425584

声明: 1、以上结果委托单位如有异议, 请在报告收到之日起十五日内提出。

Statement If Applicant has any question about the testing result above, please inform us within 15 days after receiving the report.

2、报告未经本机构同意, 不得部分复制本报告。

This report shall not be partially copied without our permission.

3、本机构不负责委托方所提供样品相关信息及企业信息真实性的证实。

This report is not responsible for the confirmation of sample information and enterprise information provided by the applicant.

4、送样检验结果仅对来样负责。

Unless otherwise stated, the results shown in this report refer only to the sample(s) tested.

5、本报告以中文为准。

Only the Chinese version report is the official version.

JC/BG 6-067-2021-1