



Guangzhou Building Materials Institute



Test Report

Client: Guangzhou AI Resin Co., Ltd
 Project Name: ----
 Position of Construction: ----
 Test Standard: GB 8624-2012
 Supervision: ----
 Date Received: 2019-12-04
 Date Tested: 2019-12-06
 Report No: V03-19000329 (E)
 Sample Number: 1V0319000400
 Type of Test: Sample delivered by client
 Date of Issue: 2019-12-09

Sample Information						
Sample Name	Aquabase Fiberglass Reinforced Plastic	Sample Type	----	Sample Number	----	
Productor	Guangzhou AI Resin Co., Ltd			Date Product	----	
Test Information						
Test Items	Measure Unit	Test Standard	Technical Requirement	Test Results	Individual Judgment	
Gross heat of combustion (PCS)	MJ/kg	GB/T 14402-2007	A(A2)	≤3.0	2.5	Compliant
FIGRA _{0.2MJ}	W/s	GB/T 20284-2006		≤120	87	Compliant
LFS	m	GB/T 20284-2006		< the edge of the specimen	YES	Compliant
THR _{600s}	MJ	GB/T 20284-2006		<7.5	4.6	Compliant
SMOGRA	m ² /s ²	GB/T 20284-2006	s2	≤180	14	Compliant
TSP _{600s}	m ²	GB/T 20284-2006		≤200	63	Compliant
Flaming droplets / particles in 600s	---	GB/T 20284-2006	d0	NO	NO	Compliant
Conclusion	The inspected items are satisfied the technical requirements of GB 8624-2012 about class A(A2-s2,d0).					
Remark	Scope of use: Theme Park Finished, Interior / Exterior Decorative, Sculpture / Props, Molding & Casting, Decorative Panels.					

Laboratory address: No.2, Keyan Road, Guangzhou, Guangdong, China

A000



Certified by: [Signature] Checked by: 邵玉书 Checked by: 高世杰

Guangzhou Building Materials Institute

Limited Company

Test Report (Continue)

Report No: V03-19000329 (E)

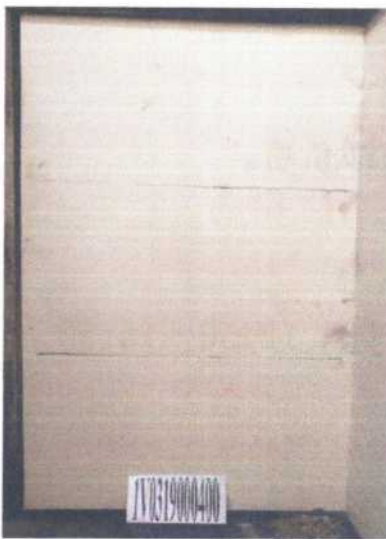
Description of GB/T 20284-2006 specimen:

1. According GB/T 20284-2006, the specimen is composed with long wing and short wing, the dimension of long wing is 1500mm×1000mm and short wing is 1500mm×500mm.

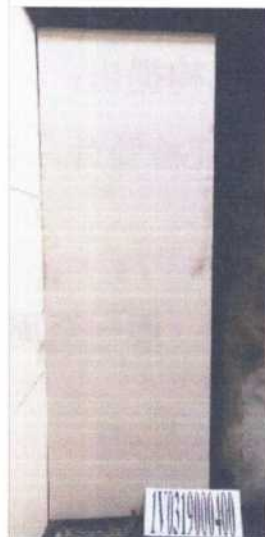
2. According GB/T 20284-2006, specimen is free standing and no support in the test. The distance between specimen and backing board is 80mm; the backing board is calcium silicate boards with a density of 900 kg/m³ and a thickness of 12mm.

Specimen photos before and after the test

Before the test



Long wing (left)



Short wing (right)

After the test

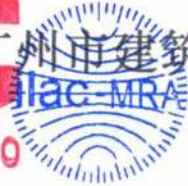


Long wing (left)



Short wing (right)





中国认可
检测



委托单位: 广州爱艺瑞胜贸易有限公司

检验单位: (检验检测专用章)

工程名称: ----

工程部位: ----

报告编号: V03-19000329

检评依据: GB 8624-2012

样品编号: 1V0319000400

监督员: ----

检验类别: 委托检验

监督单位: ----

监督登记号: /

送检日期: 2019-12-04

检验日期: 2019-12-06

报告日期: 2019-12-09

样品信息

样品名称	A1 树脂+砂	型号规格	----	样品数量	----
生产单位	广州爱艺瑞胜贸易有限公司			生产日期	----

试验信息

检验项目	单位	方法标准	技术要求	检验结果	单项评定
总热值 (PCS)	MJ/kg	GB/T 14402-2007	≤3.0	2.5	合格
燃烧增长速率指数 (FIGRA _{0.2MJ})	W/s	GB/T 20284-2006	≤120	87	合格
火焰横向蔓延长度 (LFS)	m	GB/T 20284-2006	<试验边缘	符合要求	合格
600s 的总放热量 (THR _{600s})	MJ	GB/T 20284-2006	<7.5	4.6	合格
烟气生成速度指数 (SMOGRA)	m ² /s ²	GB/T 20284-2006	≤180	14	合格
600s 总烟气产生量 (TSP600s)	m ³	GB/T 20284-2006	≤200	63	合格
600s 内燃烧滴落物/微粒	---	GB/T 20284-2006	d0	无	合格

GB/T 20284-2006 试验前后试样照片见下页

结论	所检项目符合标准 GB 8624-2012 对不材料 A(A2-s2, d0) 级的技术要求。
备注	使用范围: 主题公园, 室内外装饰, 艺术雕塑, 工艺品, 装饰板材

检验检测地址: 广州市科学城科研路 2 号

A000



1WT0319001123

批准:

审核:

主检:

广州市建筑材料工业研究所有限公司

检验报告（续页）

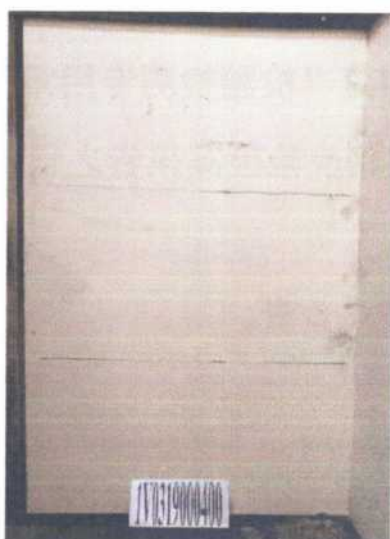
报告编号： V03-19000329

GB/T 20284-2006 试样描述如下：

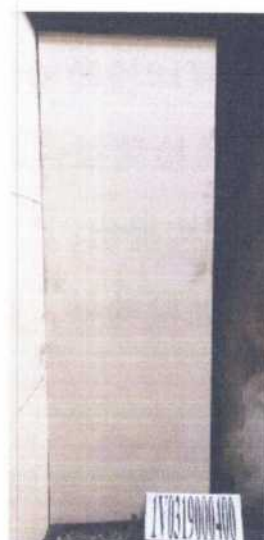
1. 按照 GB/T 20284-2006，试样由长翼和短翼组成，长翼尺寸 1500mm×1000mm，短翼尺寸 1500mm×500mm；
2. 按照 GB/T 20284-2006，试样自立于距背板 80mm 处，背板为厚 12mm、密度 900kg/m³ 的硅酸钙板。

试验前后试样照片：

试验前



长翼（左）



短翼（右）

试验后



长翼（左）



短翼（右）

