

No. : XMIN2307000682CM01_EN Date : 2023-08-07

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CUSTOMER NAME:QINGDAO BAREFOOT CONSTRUCTION MATERIAL CO., LTD.ADDRESS:HUIBU INDUSTRIAL PARK, PINGDU, QINGDAO, SHANDONG,
CHINA

Sample Name	€ ™ .coown' • •	INDOOF	R WPC P	LANK					
Manufacturer	Greccows'	QINGDA	AO BARE	FOOT	CONSTR	UCTION I	MATERIA	AL CO., L	.TD.
Material	Graceower :	WPC							
						<i>.</i>			

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No.	(<u>************************************</u>	SHFS2307000665FF					
Date of Receipt	Grecowei •	2023-07-24					
Testing Period	Greenen'	2023-07-24 ~ 2023-08-07					
Test result(s)	G r	For further details, please r (Unless otherwise stated th	efer to th e results	e followir shown ir	ng page(s n this test	s) t report re	fer only
		to the sample(s) tested)					

Signed for SGS-CSTC Standards Technical Services Co.,Ltd. Xiamen Branch.

SG

Civi Huang Authorized signatory



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I. Test Conducted

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This test was conducted in accordance with EN 13501-1:2018 Fire classification of construction products and building elements - Part 1: Classification using test data from reaction to fire tests. And the test methods as following:

- 1) EN 13823:2020 Reaction to fire tests for building products Building products excluding floorings exposed to the thermal attack by a single burning item.
- 2) EN ISO 11925-2:2020 Reaction to fire tests Ignitability of products subjected to direct impingement of flame Part 2: Single-flame source test.

II. Sample Details

Specimens Size	EN 13 EN IS	3823: 1500x1000mm & 1500 SO 11925-2: 250x90mm	x495mm	G	W coowe	Carrenaway'	Grt coorner
Density	Grecome	0.8mg/m ³	Thickness	• 6	12mr	n _{Greense}	Gweccoww
Color	:	Black	Materials	:	WPC	;	
End use application	n 🛶 :	Building indoor decoration					Gwecowai

EN13823 Installation and Fixation of Specimens:

Substrate	Calcium silicate board	Fixing method	Fix mechanically
Splicing method	Lengthwise in both long and short wings	Tested Face	Any side
Mounting and fixing	Calcium silicate board, with its density approximate 11mm, is as the substrat The Test specimens are fixed mechar Joints in the long and short wings of th	/ approximate 90 ie. nically to the sub he specimen. (so	00kg/m³, thickness ostrate. ee Photo Appendix)



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III. Test Results

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Test method	Parameter	Number of tests	Results
Gitaconon' Gitaconon' Gitacono	FIGRA _{0.2MJ} (W/s)	<u>Gr com</u> r ⁱ <u>Gr co</u> r	34.1
Grecomi Grecomi Grecomi	FIGRA _{0.4MJ} (W/s)	Grecows' Grecos	34.1
	LFS < edge of specimen		Yes
Graceen' Graceen' Graceen	THR _{600s} (MJ)	Get convert Get con	1.8
EN 13823:2020	SMOGRA(m ² /s ²)	Gr	20.7
	TSP _{600s} (m ²)	3	170.4
	Flaming particles or droplets within 600s	REPECTORY REPECTO	
Greenen Greenen Greenen	(Yes/No);	Gritcomm' Gritcom	No
German German	Combustion time, if any burning time: (≤10s	General General	NO
	/ >10s)		
EN ISO 11925-	Fs ≤ 150 mm within 60s	Crtapano' Crtapa	Yes
2:2020 ⁱ Exposure = 30 s	Ignition of the filter paper within 60s	12	No

IV. Classification and field of application

a) Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018. The classes with their corresponding fire performance are given in annex A.

b) Classification

The product, in relation to its reaction to fire behaviour is classified:

MEET	Class B
Classification	B—s2, d0

c) Field of application

This classification is valid for the following end use applications:

- --- With all substrates classified A1 and A2
- --- Fix mechanically
- --- Have joints

This classification is valid for the following product parameters:

--- Characteristics as described in section II of this test reports.



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Annex A

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Classes of reaction to fire performance for construction products excluding floorings and linear pipe thermal insulation products

Class	Test method(s)	6	Classification criteria	Additional classification	
Ger annan '	EN ISO 1182 ª and	Greece	∆T≤30°C, and ∆m≤50%, and t _i =0(i.e. no sustained flaming)	Галара Балара Балара (р	
A1	EN ISO 1716	Grao	PCS≤2.0MJ/kg ^a and PCS≤2.0MJ/kg ^{b c} and PCS≤1.4MJ/m ^{2 d} and PCS≤2.0MJ/kg ^e	Балаат Балаат Балаат Балаа - Балаат Балаат Балаат Балаа	
Get consum"	EN ISO 1182 ª or	G 1	∆T≤50°C, and ∆m≤50%, and t _f ≤20 s	Recent General General General	
A2	EN ISO 1716	and	PCS≤3.0MJ/kg ^a and PCS≤4.0MJ/m ^{2 b} and PCS≤4.0MJ/m ^{2 d} and PCS≤3.0MJ/kg ^e	lanaar lanaar lanaar lanaar - Ianaar lanaar lanaar	
Gr commi	EN 13823		FIGRA₀,2 мJ≤120W/s and LFS <edge and<br="" of="" specimen="">THR_{600s}≤7.5MJ</edge>	Smoke production ^f and Flaming droplets/particles ^g	
В	EN 13823 and		FIGRA₀,₂ мJ≤120W/s and LFS <edge and<br="" of="" specimen="">THR_{600s}≤7.5MJ</edge>	Smoke production ^f and	
Coover	EN ISO 11925-2 ¹ Exposure =30s		within 60s Fs≤150mm	r laming droplets/particles	
С	Exposure =30s EN 13823 and		FIGRA₀,4 мJ≤250W/s and LFS <edge and<br="" of="" specimen="">THR_{600s}≤15MJ</edge>	Smoke production ^f and	
Car coover'	EN ISO 11925-2 ⁱ Exposure=30s		Fs≤150mm within 60 s		
	EN 13823 and	Gw coo	FIGRA₀,4 мJ≤750W/s	Smoke production ^f and	
	EN ISO 11925-2 ¹ Exposure=30s	Grou	Fs≤150mm within 60 s	Flaming droplets/particles ^g	
E	EN ISO 11925-2 ⁱ Exposure =15s	Grees	Fs≤150mm within 20 s	Flaming droplets/particles ^h	
<u>"F</u>	EN ISO 11925-2 ⁱ Exposure = 15s	Greec	Fs>150mm within 20 s	Trans Baser Brand Baser	

^a For homogeneous products and substantial components of non-homogeneous products. ^b For any external non-substantial component of non-homogeneous products.



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Class	T	est meth	od(s)	Circuit and	C	lassificati	on criteria	3	Ad	lditional c	lassificati	on
° Alterna	atively, an	y extern	al non-su	bstantial	compon	ent havin	g a PCS	≤ 2,0 MJ/r	m ² , prov	vided that	t the prod	uct
satisfie MJ. ar	es the follo nd s1, and	wing cri d0.	teria of E	N 13823	: FIGRA	≤ 20 W/s	, and LFS	S < edge o	of specir	nen, and	THR _{600s} ≤	≦4,0
^d For an	y internal	non-sub	stantial c	ompone	nt of non	-homogei	neous pro	oducts.				Grecomer
^e For the	e product : MOGRA <	as a who 30m²/s	ole. ² and TSF	D)m ² · s 2 :	= SMOGI	RA < 180	m²/s² and	TSP	< 200m ²	. s3 = not	s1
or s2		- 00m / 3		600s - 00	, 52				101 6008	; = 200m	, 30 – 1101	31
g d0 = N	lo flaming	droplets	/ particles	s in EN 1	3823 wit	hin 600 s	; EN 1	2022 with	in 600 c	Cerconar'		Carconnel
d1 = n d2 = n	of d0 or d	1.	particles		ig iongei			3023 With		• , ©*		Gracome
Ignitio	n of the pa	per in E	N ISO 11	925-2 re	sults in a	d2 class	ification.					Gracoomi
Fail =	ignition of	on of the	paper (n er (d2 cla	o classifi ssificatio	cation); n).							
ⁱ Under	conditions	s of surfa	ace flame	attack a	nd, if app	oropriate	to the end	d–use app	lication	of the pr	oduct, edg	је
flame	attack.	C al convert	Crecown'	C u comm ^a	Con coover!	Grecował	Grecown'	Crecows'	C a ccourt	Grecowa	Gercoower'	Car as sured
Statomon	Gr											
The test re	esults rela	te to the	behaviou	ur of the	test spec	imens of	a produc	t under th	e partici	ular		
conditions	of the tes	t; they a	re not inte	ended to	be the s	ole criteri	on for as	sessing th	ne poten	tial fire		
nazard of	the produ	ct in use	- G vi ccount									
Within the	territory c	f the pe	ople's Re	public of	China, tl	nis report	is only u	sed for do	mestic	customer	s'	
scientific r	esearch, t ification	eaching	, internal	quality c	ontrol an	d product	: R & D, a	ind does r	not have	the role	of	
Note: The	above tes	t projec	/method	was carr	ied out b	y subcon	tractors.					
Con coorvert	Grecows	Greenweit	Gaccowal	(marganeter)	Grecowal	Gracowi	CPT COOMIN'	Greenwi	Grecowsi	Grecował		
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Photo Appendix:

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