

COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN CUSTOMS

CERTIFICATE Of Conformity

Certificate No: 25202001012
Applicant: KAIPING FULIYA INDUSTRIAL CO.,LTD
Address of Applicant: FULIYA INDUSTRIAL PARK, BAIHE TOWN, KAIPING CITY, GUANGDONG PROVINCE, CHINA.
Product: MODIFIED ACRYLIC SOLID SURFACE
Type designation: See appendix to certificate of conformity
Technical data: Slabs of natural stone for internal floorings and wall finishes

The submitted samples of the above product have been tested for CE marking according to the following European Directives:

(EU)No.305/2011-the Construction Products Directive

Standard used for showing compliance with the essential requirements in the specified directive:

Standard	Test report	Issued by	Date
EN 15285:2008/AC:2008	25202001012	IQCTC of FSCIQ	Jun. 02, 2020
EN 15286:2013			

The referred test report shows that the product complies with standard recognized as giving presumption of compliance with the essential requirements in the specified EU Directive.

After preparation of the necessary technical documentation as well as the conformity declaration the CE marking as shown below can be affixed on the product. Other relevant Directives have to be observed.

This certificate is **NOT** valid for: *i*) uses in subject to reaction to fire regulations; *iii*) uses subject to dangerous substances regulations.

This document is the property of Inspection and quarantine comprehensive technology centre of Foshan Entry-exit Inspection & Quarantine Bureau, and it is not transferable. Only the applicant may reproduce this certificate.



肖景洪

XIAO JINGHONG

Director

Issue Date: Jun. 02, 2020

Expiration Date: Jun. 01, 2023



正本
申请人存

Note: This certificate is part of the full report and should be read in conjunction with it.
COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN CUSTOMS
2/F, Building 18, Lanshi International Metal Exchange Center, Kuiqi Road, Chancheng District, Foshan, Guangdong, China (528000)
TEL: 86-757-83960558 FAX: 86-757-83827971

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COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN CUSTOMS

APPENDIX TO Certificate of Conformity

Certificate No.: 25202001012
Applicant: KAIPING INDUSTRIAL CO.,LTD
Address of Applicant: FULIYA INDUSTRIAL PARK, BAIHE TOWN, KAIPING CITY, GUANGDONG PROVINCE, CHINA.
Product: MODIFIED ACRYLIC SOLID SURFACE
Type designation: KA1101/KA1102/KA1103/KA1105/KA1106/KA1107/KA1109/KA1110/KA1111/
KA1116/KA1117/KA1118/KA3301/KA3341/KA3353/KA3355/KA3372/KA5502/
KA5510/KA5513/KA5515/KA5518/KA5521/KA5526/KA5565/KA5566/KA5567/
KA8802/KA8806/KA8808/KA8809/KA8811/KA8815/KA8816/KA8823/KA8830/
KA8833/KA8835/KA8836/KA8837/KA8838/KA9933/KA9954/KA9961/KA9962/
KA9965/KA9966/KA20010/KA20015/KA20016/KA20020/KA30005/HW2801/
HW5840/HW2804/HW2805/HW2806/HW3803/HW3807/HW3801/HW3805/
HW3802/HW3810/HW2803/HW3807/HW3801/HW3805/HW3802/HW3810/
HW2830/HW3809/HW2802/HW3804/HW3806/HW3822/HW6801/HW6802/
HW6804/HW2809/CW5848/CW5845/CW5851/CW5854/CW5852/CW5855/
CW5809/CW5831/CW5833/CW5832/CW5813/CW5815/CW5836/CW5830/
CW5834/CW5835/CW5847/CW5845/KM3512B/KA5922/KA5913/KA5943/
KM3316/KM5515/KM8802/KM8806/KM8815/KM5502/KM1101/KM8809/KM3323/
KM8801/KM5518/KM4403/KM5566/KM8706/KM8809A/KM3307/KM1111/
KM4460/KM3509A/KM5613/KM8811/KM8826/KM8808/KM5513/CW5848/
CW5845/CW5851/CW5854/CW5852/CW5855/HW6801/HW6802/HW3806/
HW2820/HW3801/HW3823/HW5801/HW3802/HW5802/KM3512B/KA5922/
KA5913/KA5943

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中国认可
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CNAS L1978



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TEST REPORT

REPORT No. : 25202001012

SAMPLES: MODIFIED ACRYLIC SOLID SURFACE

APPLICANT: KAIPING FULIYA INDUSTRIAL CO.,LTD

DATE OF TEST: 20/04/2020 – 28/05/2020(dd/mm/yy)


STATE KEY TESTING LABORATORY OF BUILDING CERAMICS AND SANITARY WARE
COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN CUSTOMS



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Name of Sample	MODIFIED ACRYLIC SOLID SURFACE	Mark of Samples	—
Quantity of Samples	1 Set	Description of Samples	The samples are sound, intact and fit for test.
Applicant	KAIPING FULIYA INDUSTRIAL CO.,LTD	Address of Applicant	FULIYA INDUSTRIAL PARK,BAIHE TOWN, KAIPING CITY,GUANGDONG PROVINCE,CHINA
Telephone of Applicant	86-13631889237	Fax of Applicant	86-750-2517683
Source of Samples	Samples selected by applicant	Received on	15/04/2020
Test Standard	1.EN 15285:2008/AC:2008 <i>Agglomerated stone - Modular tiles for flooring and stairs (internal and external)</i> 2.EN 15286:2013 <i>Agglomerated stone - Slabs and tiles for wall finishes (internal and external)</i> 3.EN 15388:2008 <i>Agglomerated stone - Slabs and cut-to-size products for vanity and kitchen tops</i> 4.GB 6566-2010 <i>Limit of radionuclides in building materials</i> 5.GB/T 3854-2017 <i>Test method for hardness of reinforced plastics by means of Barcol impresser</i>		
Test results	See Page 3~10.		
Stamp of Test Unit	 <p>Date: 02/06/2020</p>	Address of Test Unit	Address: 2/F, Building 18, Lanshi International Metal Exchange Center, Kuiqiyi Road, Chancheng District, Foshan, Guangdong, China (528000) Tel: 86-757-83960558 86-757-83827991 Fax: 86-757-83827971 E-mail: fsiqtc@163.com Url: http://www.fsiqtc.com/
Notes	1.All inspections are carried out conscientiously to the best of our knowledge and ability. 2.This report shall not be reproduced, except in full, without the prior written approval from the issuing laboratory. 3.The results in this report apply to the samples only. 4.The sample information are declared by applicant, and laboratory is not responsible for the authenticity.		
Possible test case verdicts	1. P(ass) : test item does meet the requirement. 2. N/A : test case does not apply to the test item. 3. F(ail) : test item does not meet the requirement. 4. —: verdict/test was not carried out. 5. * : the test method is not authorized by CNAS and CMA.		

Tested by 杨鹏 Inspected by 李其 Approved by 肖.号.12

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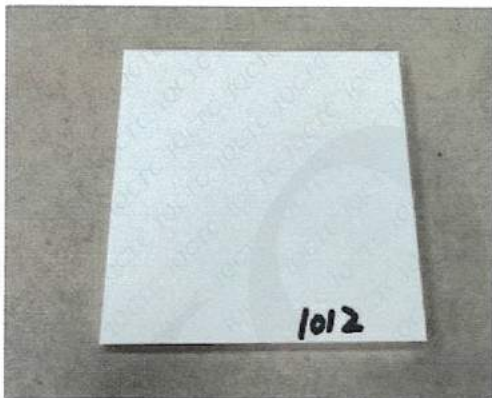
Remark of applicant	
Characteristics	Declared value
Denomination - commercial family - commercial type - type of the binders	Modified acrylic solid surface See "Items in the family" Resin
Apparent density	≥1800kg/cm ³
Water absorption	≤0.5%
Flexural strength	≥40MPa
Chemical resistance - 8 h ± 30 min of acid attack - 8 h ± 30 min of basic attack - 1 h ± 5 min of acid attack - 1 h ± 5 min of basic attack	≥80% ≥60% ≥80% ≥80%
Abrasion resistance	> 36.5mm
Slipperiness: slip resistance value	Dry > 35 Wet < 25
Thermal shock resistance: coefficient of thermal shock resistance as change in flexural strength (after 20 cycles)	≤10%
Tactility/visibility	Polished
Linear thermal expansion coefficient: from room temperature up to 130°C	≤80×10 ⁻⁶ °C ⁻¹
Impact resistance	≥3.0J
Frost resistance: coefficient of freeze/thaw resistance in flexural strength (after 25 freeze/thaw cycles)	≥90%
Dimensional stability: Vertical displacement	<0.3mm
Items in the family: KA1101/KA1102/KA1103/KA1105/KA1106/KA1107/KA1109/KA1110/KA1111/KA1116/KA1117/KA1118/KA3301/KA3341/KA3353/ KA3355/KA3372/KA5502/KA5510/KA5513/KA5515/KA5518/KA5521/KA5526/KA5565/KA5566/KA5567/KA8802/KA8806/KA8808/ KA8809/KA8811/KA8815/KA8816/KA8823/KA8830/KA8833/KA8835/KA8836/KA8837/KA8838/KA9933/KA9954/KA9961/KA9962/ KA9965/KA9966/KA20010/KA20015/KA20016/KA20020/KA30005/HW2801/HW5840/HW2804/HW2805/HW2806/HW3803/ HW3807/HW3801/HW3805/HW3802/HW3810/HW2803/HW3807/HW3801/HW3805/HW3802/HW3810/HW2830/HW3809/HW2802 /HW3804/HW3806/HW3822/HW6801/HW6802/HW6804/HW2809/CW5848/CW5845/CW5851/CW5854/CW5852/CW5855/CW5809/ CW5831/CW5833/CW5832/CW5813/CW5815/CW5836/CW5830/CW5834/CW5835/CW5847/CW5845/KM3512B/KA5922/KA5913 KA5943/KM3316/KM5515/KM8802/KM8806/KM8815/KM5502/KM1101/KM8809/KM3323/KM8801/KM5518/KM4403/KM5566/ KM8706/KM8809A/KM3307/KM1111/KM4460/KM3509A/KM5613/KM8811/KM8826/KM8808/KM5513/CW5848/CW5845/ CW5851/CW5854/CW5852/CW5855/HW6801/HW6802/HW3806/HW2820/HW3801/HW3823/HW5801/HW3802/HW5802/ KM3512B/KA5922/KA5913/KA5943	

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Photo of Samples



production tile



Reference sample

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EN 15285: 2008/AC: 2008 Agglomerated stone - Modular tiles for flooring and stairs (internal and external)					
Clause	Characteristics	Test method	Requirements	Results	Verdicts
4.2	Requirements for flooring and stairs modular tiles made of agglomerated stones				
4.2.1	General	—	The values for the characteristics in 4.2.2 to 4.2.17 shall be declared for flooring and stairs modular tiles made of agglomerated stones when subject to regulatory requirements and may be declared otherwise with reference to the intended end use conditions.	See "Remark of applicant"	—
4.2.2	Apparent density and water absorption				
	Apparent density - Arithmetic mean, in kg/m ³	EN 14617-1: 2013	This characteristic shall be declared.	1834	P
	Water absorption - Arithmetic mean, in percent - Classification	EN 14617-1: 2013	This characteristic shall be declared.	0.06 W3	P
4.2.3	Flexural strength - arithmetic mean, in MPa - Classification	EN 14617-2: 2016	This characteristic shall always be declared.	55.7 F4	P
4.2.5	Chemical resistance: The loss of the reference reflection value, in percent: - 8 h ± 30 min of acid attack - 8 h ± 30 min of basic attack - 1 h ± 5 min of acid attack - 1 h ± 5 min of basic attack Classification	EN 14617-10: 2012	Where subject to contractual request or where the product is expected to be subject to aggressive chemical actions, this characteristic shall be declared.	86 74 95 80 C4	P
4.2.6	Visual appearance	4.2.7	Visual appearance of modular tiles shall always be declared.	No visual variations between production tile and reference sample	P
4.2.8	Reaction to fire	—	This characteristic shall always be declared when the modular tiles are intended to be used in areas subjected to reaction to fire regulation and may be declared otherwise.	Not required	N/A

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EN 15285: 2008/AC: 2008 <i>Agglomerated stone - Modular tiles for flooring and stairs (internal and external)</i>					
Clause	Characteristics	Test method	Requirements	Results	Verdicts
4.2.10	Thermal conductivity - Apparent density, arithmetic mean, in kg/m ³	EN 14617-1: 2013	This characteristic shall always be declared.	1834	P
4.2.11	Thermal shock resistance Coefficient of thermal shock resistance as change in flexural strength (after 20 cycles)	EN 14617-6: 2012	Where subject to regulatory requirements or where the product is expected to be subject to critical thermal cycles, this characteristic shall be declared.	<5%	P
4.2.12	Tactility/visibility	—	Tactility/visibility of modular tiles shall be declared when it is requested for specific purposes.	Polished	P
4.2.13	Linear thermal expansion coefficient: from room temperature up to 130°C	EN 14617-11: 2005	Where subject to contractual request or where the modular tiles are expected to be subject to relevant dimensional variations due to temperature changes, this characteristic shall be declared.	$70.9 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	P
4.2.14	Electrical resistivity	—	Where subject to contractual request, electrical resistivity of modular tiles shall be declared	Not required	N/A
4.2.15	Impact resistance, in J	EN 14617-9: 2005	Where subject to regulatory requirements or where the product is expected to be subject to impact of hard falling objects, this characteristic shall be declared.	6.7	P
4.2.16	Frost resistance coefficient of freeze/thaw resistance in flexural strength (after 25 freeze/thaw cycles)	EN 14617-5: 2012	Where subject to regulatory requirements or where the product is expected to be subject to freeze/thaw cycles, frost resistance of modular tiles shall be declared.	92%	P

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EN 15286: 2013 <i>Agglomerated stone - Slabs and tiles for wall finishes (internal and external)</i>					
Clause	Characteristics	Test method	Requirements	Results	Verdicts
4.2	Physical and mechanical characteristics				
4.2.1	General	—	The characteristics of the cladding slabs or tiles in 4.2.2 to 4.2.12 shall be declared when these products are subject to regulatory requirements and may be declared otherwise with reference to intended end use conditions.	See "Remark of applicant"	—
4.2.2	Visual appearance	Annex C	This characteristic of a cladding slab or a tile shall be declared	No visual variations between production tile and reference sample	P
4.2.3	Reaction to fire	—	Reaction to fire performance shall be declared when cladding slabs or tiles are intended to be used in areas subjected to reaction to fire regulation and may be declared otherwise.	Not required	N/A
4.2.4	Apparent density and water absorption				
	Apparent density - Arithmetic mean, in kg/m ³	EN 14617-1: 2013	The values for apparent density shall be declared when a cladding slab or a tile is fixed (glued) by an adhesive or mortar and is intended to be used in a location subject to water contact.	1834	P
	Water absorption - Arithmetic mean, in percent	EN 14617-1: 2013	The values water absorption shall be declared when a cladding slab or a tile is fixed (glued) by an adhesive or mortar and is intended to be used in a location subject to water contact.	0.06	P
4.2.5	Flexural strength - arithmetic mean, in MPa	EN 14617-2: 2016	The value for flexural tensile (bending) strength of a cladding slab or a tile shall be declared when required.	55.7	P
4.2.6	Thermal conductivity - Apparent density, arithmetic mean, in kg/m ³	EN 14617-1: 2013	Where a cladding slab or a tile is fixed (glued) by adhesive or mortar and subject to regulatory requirements the value for thermal conductivity shall be declared.	1834	P
4.2.7	Thermal shock resistance Coefficient of thermal shock resistance as change in flexural strength (after 20 cycles)	EN 14617-6: 2012	Where subject to regulatory requirements or where a cladding slab or a tile is intended to be used subject to critical thermal cycles, the value for thermal shock resistance shall be declared.	<5%	P

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EN 15286: 2013 <i>Agglomerated stone - Slabs and tiles for wall finishes (internal and external)</i>					
Clause	Characteristics	Test method	Requirements	Results	Verdicts
4.2.8	Linear thermal expansion coefficient: from room temperature up to 130°C	EN 14617-11: 2005	Where subject to contractual request or where a cladding slab or a tile is intended to be used subject to relevant dimensional variations due to thermal actions, the value for linear thermal expansion coefficient shall be declared.	$70.9 \times 10^{-6} \text{C}^{-1}$	P
4.2.10	Bond strength/adhesion	—	When the intended use of a cladding slab or tile includes their fixation glued by adhesive or mortar the bond/strength adhesion shall be determined	Not required	N/A
4.2.11	Resistance to fixings	—	When the intended use of a cladding slab or tile includes their mechanical fixation, the resistance to fixings (Dowel hole) shall be determined	Not required	N/A
4.2.12	Release of dangerous substances	—	National regulations on dangerous substances may require, verification and declaration on release, and sometimes content, of dangerous substances, when construction products covered by this standard are placed on those markets.	Not required	N/A
4.2.13	Durability of flexural strength against freeze and thaw cycles coefficient of freeze/thaw resistance in flexural strength (after 25 freeze/thaw cycles)	EN 14617-5: 2012	Where subject to regulatory requirements or where a cladding slab or a tile is intended to be used subject to freeze/thaw cycles, the value for the freeze and thaw resistance shall be declared	92%	P

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EN 15388:2008 Agglomerated stone - Slabs and cut-to-size products for vanity and kitchen tops					
Clause	Characteristics	Test method	Requirements	Results	Verdicts
5	Characteristics of agglomerated stones for vanity and kitchen tops				
5.1	General	—	The following characteristics shall be declared when subject to regulatory requirements and may be declared otherwise with reference to the conditions of the end usage.	See "Remark of applicant"	—
5.2	Denomination	—	This characteristic shall always be declared.	See "Remark of applicant"	—
5.3	Visual appearance	5.4	This characteristic shall always be declared. Recording any visible differences between the tiles and the reference sample.	No alteration is observed	P
5.5	Reaction to fire	—	This characteristic shall always be declared when the modular tiles are intended to be used in areas subjected to reaction to fire regulation and may be declared otherwise.	Not required	N/A
5.6	Apparent density and water absorption				
	Apparent density - Arithmetic mean, in kg/m ³	EN 14617-1: 2013	This characteristic shall be declared.	1834	P
	Water absorption - Arithmetic mean, in percent	EN 14617-1: 2013	This characteristic shall be declared.	0.06	P
5.7	Flexural strength - arithmetic mean, in MPa	EN 14617-2: 2016	This characteristic shall always be declared.	55.7	P
5.8	Thermal conductivity - Apparent density, arithmetic mean, in kg/m ³	EN 14617-1: 2013	Where the manufacturer so wishes, this characteristic shall be declared.	1834	P
5.9	Thermal shock resistance	EN 14617-6: 2012	Where subject to regulatory requirements or where the product is expected to be subject to critical thermal cycles, this characteristic shall be declared.	<5%	P
5.10	Impact resistance, in J	EN 14617-9:2005	This characteristic shall always be declared.	6.7	P
5.11	Chemical resistance: The loss of the reference reflection value, in percent: - 8 h ± 30 min of acid attack - 8 h ± 30 min of basic attack - 1 h ± 30 min of acid attack - 1 h ± 30 min of basic attack	EN 14617-10: 2012	This characteristic shall always be declared.	86 74 95 80	P
5.12	Linear thermal expansion coefficient: from room temperature up to 130°C	EN 14617-11: 2005	Where subject to contractual request or where the product is expected to be subject to relevant dimensional variations due to thermal actions, this characteristic shall be declared.	70.9 × 10 ⁻⁶ °C ⁻¹	P

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GB 6566-2010 <i>Limit of radionuclides in building materials</i>				
Clause	Properties	Requirements	Results	Verdicts
4.4.1	Internal exposure index I_{Ra}	—	<0.1	—
4.4.2	External exposure index I_{γ}	—	<0.1	—
3.2.1	Class A decorative materials	$I_{Ra} \leq 1.0$ $I_{\gamma} \leq 1.3$	Complied	P

GB/T 3854-2017 <i>Test method for hardness of reinforced plastics by means of Barcol impresser</i>	
Properties	Results
Barcol hardness*	Mean value: 57

Deviations: * The test item was not authorized by CNAS and CNCA.

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End of Test Report

FOSHAN