



CERTIFICATE OF WORKS APPROVAL

/Manufacturer

/Address

669 Wenhua Rd.(s),Tongxiang Economic Development Zone,Zhejiang, China

/Product

Glass fiber reinforced materials

/Approval Standard

1. Chapter 2, Part Two of China Classification Society Rules for Materials and Welding
2. GB/T 17470-2007
GB/T 17470-2007 Glass Fiber Mats-Chopped Strand and Continuous Filament Mats
3. GB/T 18370-2014
GB/T 18370-2014 Glass Fiber Woven Roving

/Intended for

/Reinforcing material for marine FRP)

/This Certificate is valid until

/ Aug. 09,2030

Issued by CCS/Shanghai Branch

Date _____

2025 08 10
Aug. 10, 2025

This Certificate is issued pursuant to the Rules of the Society and related regulation. All pages of the certificate are taken as a whole and are used simultaneously. No paper certificate page is valid without bearing the stamp of the Society, no electronic certificates is valid without the digital signature, and no copied form of the certificate is regarded as valid. Any part of the certificate is not to be extracted or abridged by any unit or individual in any form. Related parties who are doubted about the authenticity of the certificate may inquire of the Society or its offices. **For Rules with no version indication, their latest version (at the time of issuance of the certificate) applies to this certificate.**

Form No: W01.

[/Contact Us](#)

/See official web site of the Society <http://www.ccs.org.cn>

UTN:P025-34781790



/Product Description

(M0001)

/Name	/Value	/Unit
/Type	EMC300	
/Units Acreage Mass	300 ± 8%	g/m ²
/Alkaline Matel Oxide	≤ 0.8%	

(M0002)

/Name	/Value	/Unit
/Type	EMC200	
/Units Acreage Mass	200 ± 7.5%	g/m ²
/Alkaline Matel Oxide	≤ 0.8%	

(M0003)

/Name	/Value	/Unit
/Type	EMC225	
/Units Acreage Mass	225 ± 7.5%	g/m ²
/Alkaline Matel Oxide	≤ 0.8%	

(M0004)

/Name	/Value	/Unit
/Type	EMC450	
/Units Acreage Mass	450 ± 8%	g/m ²
/Alkaline Matel Oxide	≤ 0.8%	

(M0005)

/Name	/Value	/Unit
/Type	EMC100	
/Units Acreage Mass	100 ± 7.5%	g/m ²
/Alkaline Matel Oxide	≤ 0.8%	

(M0006)

/Name	/Value	/Unit
/Type	EMC600	
/Units Acreage Mass	600 ± 8%	g/m ²
/Alkaline Matel Oxide	≤ 0.8%	

(M0001)

/Name	/Value	/Unit
/Type	EWR360	
/Units Acreage Mass	360 ± 5%	g/m ²
/Alkaline Matel Oxide	≤ 0.8%	

(M0002)

/Name	/Value	/Unit
/Type	EWR800	
/Units Acreage Mass	800 ± 5%	g/m ²

Oxide	/Alkaline Matel	$\leq 0.8\%$	
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(M0003)

/Name	/Value	/Unit
/Type	EWR600	
/Units Acreage Mass	$600 \pm 5\%$	g/m^2
Oxide	/Alkaline Matel	$\leq 0.8\%$

(M0004)

/Name	/Value	/Unit
/Type	EWR400	
/Units Acreage Mass	$400 \pm 5\%$	g/m^2
Oxide	/Alkaline Matel	$\leq 0.8\%$

(M0005)

/Name	/Value	/Unit
/Type	EWR270	
/Units Acreage Mass	$270 \pm 5\%$	g/m^2
Oxide	/Alkaline Matel	$\leq 0.8\%$

/Approved Drawings

/ Drawings Approval No. : /Nil.

Approval Test Report

/ Test Report No. SH21PWA00034
 / Test Report Date 2021-09-09
 / Laboratory: JUSHI GROUP CO., LTD
 / Test Address: 669 669 Wenhua Rd.(s), Tongxiang Economic Development Zone, Zhejiang

/Method of Product Inspection after Approval

/The product approved only in term of the rules

After approval, product inspection should be carried out by the Manufacturer in accordance with the product inspection scheme approved by the Society. Upon satisfactory inspection, and the Quality Certificate issued by the Manufacturer should be provided to the purchaser together with the copy of the approval certificate issued by the Society. The manufacturer should take responsibility for the product being in compliance with the convention, statutory regulation, the Society rules and the standard accepted by the Society.

/Maintenance Requirements of Approval

1.

After works approval, if there are any major changes to the drawings, technical documents, specifications, prior consent should be obtained from the survey office of the Society. If the changes involve or affect product design, major construction materials, key workmanship or product characteristics and properties, drawings and technical documents related to properties are to be examined and approved by the Society and, where deemed necessary by the survey office, the surveyor to the Society will go to the manufacturer to inspect or witness relevant tests and the results of the tests should be able to demonstrate compliance with the approval conditions

2.

The quality management system of the factory shall be ensure effective operation, and shall be the same as the situation of approval. If there are any changes to the quality management system, auditing of

the original certification organization for quality management system and the society's approval shall be obtained.

3.

Those who have obtained the certificate of works approval shall receive periodical audit done by the Society on an annual basis. The date of periodical audit shall be each anniversary date which corresponds to the date of expiry of the relevant certificate and the periodical audit shall be done within a time span of three months before and after the annual surveillance date.

4.

Within the validity of the approval certificate, the surveyor to the Society may pay unannounced audit to the manufacturing process of the product in order to confirm whether it is in compliance with the drawings and documents approved by the Society. The factory should provide an active cooperation and necessary for the surveyor.

5.

Within the validity of the approval certificate, if cases occur that may cause the Society to suspend or withdraw the certificate, the manufacturer should take corrective actions in a prompt and effective manner.

/Remarks

The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society. However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

No. SH21PWA00034

This certificate is renewed from and supersedes the previous Works Approval Certificate No. SH21PWA00034.

CCS Shanghai Branch