



中国船级社
CHINA CLASSIFICATION SOCIETY

证书编号/Certificate No.
JS22PTB00285

型式认可证书
CERTIFICATE OF TYPE APPROVAL

兹证明本证书所述制造厂具备按照下列标准的要求生产本证书所列产品的能力和条件。

This is to certify that the manufacturer stated in the certificate meets the requirements of the standards listed below and is available with the ability and conditions to produce the products described in the certificate.

制造厂/Manufacturer

上海新型建材岩棉大丰有限公司
Shanghai ABM Rock Wool Dafeng Co., Ltd.

地址/Address

江苏省盐城市大丰区张謇西路99号
No.99, West Zhangjian Road, Dafeng District, Yancheng City, Jiangsu Province

产品名称/Product

耐火甲板
Fire Deck

认可标准/Approval Standard

1. 1974年国际海上人命安全公约及其修正案第II-1章第3-12条, 第II-2章第3条
Regulation 3-12, Chapter II-1, Regulation 3, Chapter II-2 of International Convention for the Safety of Life at Sea, 1974, as Amended.
2. IMO 海安会 MSC.307(88) 决议 - 2010年国际耐火试验程序应用规则 (2010年 FTP 规则) 附件1第3部分
"A"级、"B"级和"F"级分隔试验
IMO Res.MSC.307(88) - International Code for Application of Fire Test Procedures, 2010 (2010 FTP Code) Annex 1, Part 3
Test for "A", "B" and "F" class divisions
3. MSC.337(91) 《船上噪声等级规则》
MSC.337(91) Code on Noise Levels on Board Ships
4. 中国船级社《船舶及产品噪声控制与检测指南》第3篇第4章
Chapter 4, Part Three of China Classification Society Guidelines for Noise Control and Testing of Ships and Products

用于/Intended for

船舶与海上设施A60级耐火甲板/ Class A60 Fire Deck for Ships and Offshore Installations

产品明细/Product Description

耐火甲板/Fire Deck (M0001)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	详见附页/Ref. to the Additional pages for detail	

证书有效期至/This Certificate is valid until 2026年08月14日/Aug. 14, 2026

发证机构 中国船级社江苏分社
Issued by CCS Jiangsu Branch

签发日期 2022年09月02日
Date Sep. 02, 2022

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Form No: T01.

联系方式/Contact Us, 见本社官方网站/See official web site of the Society (<http://www.ccs.org.cn>)



UTN:P022-04714690

批准的图纸/Approved Drawings

图纸批准号/Drawings Approval No.: NP17A02694

产品认可试验报告/ Approval Test Report

试验报告编号/ Test Report No.: ABM-CCSTA2201

试验报告日期/ Test Report Date: 2022-08-31

试验单位/ Laboratory: 上海新型建材岩棉大丰有限公司 Shanghai ABM Rock Wool Dafeng Co.,Ltd.

试验单位地址/ Test Address: 中国江苏省盐城市大丰区张謇西路99号 No.99, West Zhangjian Road, Dafeng District, Yancheng City, Jiangsu, P.R.China

试验报告编号/ Test Report No.: FT18135

试验报告日期/ Test Report Date: 2018-07-02

试验单位/ Laboratory: 远东防火试验中心 Far East Fire Testing Centre

试验单位地址/ Test Address: 上海化工区奉贤分区楚华支路511号 511 Chuhua Zhilu, Shanghai Chemical Industry Park Fengxian Sub-Zone, Shanghai

试验报告编号/ Test Report No.: FT18052

试验报告日期/ Test Report Date: 2018-04-18

试验单位/ Laboratory: 远东防火试验中心 Far East Fire Testing Centre

试验单位地址/ Test Address: 上海化工区奉贤分区楚华支路511号 511 Chuhua Zhilu, Shanghai Chemical Industry Park Fengxian Sub-Zone, Shanghai

试验报告编号/ Test Report No.: A17-097/099

试验报告日期/ Test Report Date: 2017-04-11

试验单位/ Laboratory: 清华大学建筑环境检测中心 Center for Building Environment Test, Tsinghua University

试验单位地址/ Test Address: 中国北京市海淀区清华大学建筑环境检测中心 Department of Building Science, Tsinghua University, Beijing, P.R.China

认可后的产品检验方式/ Method of Product Inspection after Approval

按规范只认可不进行产品检验的产品/The product approved only in term of the rules:

认可后的产品检验由制造厂按本社批准的产品检验计划进行检验, 经检验合格后由制造厂签发合格证明, 并连同该产品的本社认可证书复印件一并交付用户, 制造厂对产品符合公约、法规、本社规范和本社认可的标准规定负责。

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.

认可保持条件/ Maintenance Requirements of Approval

1. 型式认可后, 如果产品及其重要零部件的设计、所用材料或制造方法有所改变, 且影响到产品的主要特性、特征; 或产品的性能指标有所更改, 且超过认可的范围, 则有关图纸和文件应经检验机构审批。并在检验机构认为必要时, 经本社检验人员见证有关试验和进行检查, 其结果应能证实仍符合认可条件。

After type approval, if there are changes to the design, materials used or manufacturing method of the product and important components and such changes affect major characteristics and properties of the product, or property indexes of the product are changed and exceed the scope of approval, related drawings and documents are to be examined and approved by the concerned survey office. Where deemed necessary by the survey office, the surveyor to the Society will go to witness relevant tests and conduct inspection and the results should be able to demonstrate compliance with the approval conditions.

2. 工厂的质量管理体系应保持有效运行, 并且与认可时一致。如果质量管理体系发生改变, 应经原体系认证机构审核并报本社批准。

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. 认可证书有效期内, 如果出现可能导致本社取消认可的情况, 工厂应及时采取有效的纠正措施。

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

4. 在认可证书有效期内, 本社检验人员可在未经事先通知的情况下对工厂的产品制造过程进行审核, 以验证产品的

生产是否符合业经本社批准的图纸和文件。工厂应予以配合。

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. 如果属于获得型式认可B 模式证书, 且无需颁发船用产品证书/等效证明文件的情况, 证书获得者应接受本社每年一次的定期审核, 定期审核日为认可证书期满之日对应的每一周年日, 检查工作应在周年日的前后三个月内进行。

If belong to the situation of the product has type approval mode B certificate, and marine product certificate/equivalent document is not necessary, those who have obtained the certificate should be subject to periodical audit every year. 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.

备注/Remarks

1. 本社已审核了产品厂无石棉声明, 但本社的审核不免除产品厂按照合同关系向订货方保证产品无石棉的责任。
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.

2. 本证书由原型式认可证书 (No. NJ7T00140) 换新。

This certificate is renewed from the previous Type Approval Certificate No. NJ17T00140.

3. 产品应提供安装使用手册。安装时应按照制造厂说明书和认可试验图纸规定进行。

The products are to be supplied with its manual for installation/application. The installation of the products on board shall be in compliance with the Manufacturer's instruction & approved test drawings.

4. A60级耐火甲板所用不燃材料(包括将不燃材料紧固于A 60级耐火甲板结构构件的方法)应与该不燃材料在认可试验中使用的及在耐火试验报告中的材料、细节、布置相一致。

The non-combustible material used in the Class A 60 fire deck (including the securing method of non-combustible materials to the structural elements of Class A 60 fire deck) shall be consistent with the materials, details and arrangements of the non-combustible materials used in the approval tests and in the fire test report.

5. 证书有效期内防火分隔的耐火试验报告周期应不超过15年。否则, 应重新进行耐火试验, 其结果应符合2010 FTP规则附件1第 3部分要求, 从而保证证书的有效性。

Within the validity period of the Certificate, the period of the Fire Test reports for fire divisions shall not exceed 15 years. Otherwise, the fire tests shall be re-conducted, and the results shall be in compliance with the requirements of Annex 1, Part 3 of 2010 FTP Code and to ensure the validity of the certificate.

中国船级社江苏分社

CCS Jiangsu Branch

注: 本证书含有附页, 共1页 66

Note: The certificate is attached with additional 1 page(s)

A-60 级隔声浮动地板产品明细/Descriptions for A-60 Sound Reduction Floating Floor

型号/Type	ABM-FR60 FS140	耐火等级/Fire class	A-60	向火面/Fire exposed side	5mm 钢板/ 5mm Steel plate														
结构型式/Structural type	2mm 钢板 + 隔热材料 + 5mm 钢板/ 2mm Steel plate + Insulation material + 5mm Steel plate																		
适用于/Application	用于水平 A-60 级隔声防火分隔/Used as a horizontal sound reduction fire division of class A-60																		
隔热材料及其敷设方法 /Insulation material and laying method	1) 隔热材料型号/Insulation Type: ABM-SR140 船用岩棉板/ ABM-SR140 Marine rock wool board, 名义密度/Nominal density:140kg/m ³ .隔热材料应具有有效的 CCS 工厂认可证书/The insulation material should be held effective CCS Works Approval Certificate.																		
	2) 一层 50mm ABM-SR140 船用岩棉板实敷设在5mm 甲板上下, 上覆2mm 钢板, 岩棉板接缝密实。																		
	One layer 50mm ABM-SR140 Marine rock wool board to be laid compactly on the 5mm steel deck plates and covered with 2mm steel plates. The flat-fell seams for the rock wool boards are to be lapped densely.																		
耐火试验报告/Fire Test report No.	FT18135/2018.07.02																		
计权隔声指数/Weighted sound reduction index	F	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	R _w
	R	22.7	32.1	37.7	43.9	45.2	46.8	48.4	47.7	48.7	52.1	52.3	54.9	57.9	60.7	60.9	62.8	65.0	49
注/Note : F: 频率/Frequency::Hz; R: 1/3 倍频程/One-third octave: dB; R _w : 计权隔声指数/Weighted sound reduction index: dB																			
隔声等级/Level of Sound Reduction: R45																			
试验报告号/日期: Test report No./Date: A17-097/2017.04.11																			

型号/Type	ABM-FR60 FS200		耐火等级/Fire class		A-60		向火面/Fire exposed side		5mm 钢板/ 5mm Steel plate										
结构型式/Structural type	2mm 钢板 + 隔热材料 + 5mm 钢板/ 2mm Steel plate + Insulation material + 5mm Steel plate																		
适用于/Application	用于水平 A-60 级隔声防火分隔/Used as a horizontal sound reduction fire division of class A-60																		
隔热材料及其敷设方法 /Insulation material and laying method	1) 隔热材料型号/Insulation Type: ABM-SR200 船用岩棉板/ ABM-SR200 Marine rock wool board, 名义密度/Nominal density:200kg/m3. 隔热材料应具有有效的 CCS 工厂认可证书/The insulation material should be held effective CCS Works Approval Certificate.																		
	2) 两层 30mm ABM-SR200 船用岩棉板实敷设在5mm 甲板上后, 上覆2mm 钢板, 岩棉板接缝密实, 两层岩棉板之间错缝敷设。																		
	Two layers 30mm ABM-SR200 Marine rock wool boards to be laid compactly on the 5mm steel deck plates and covered with 2mm steel plates. The flat-fell seams for the rock wool boards are to be lapped densely and the joints are to be ensured offset between two layers insulation boards.																		
耐火试验报告/Fire Test report No.	FT18052/2018.04.18																		
计权隔声指数/Weighted sound reduction index	F	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	Rw
	R	21.4	30.7	38.5	45.7	46.5	47	48.9	47.8	50	52.5	53.2	55.1	58.8	62.2	62.3	63.2	65.9	48
注/Note : F: 频率/Frequency::Hz; R: 1/3 倍频程/One-third octave: dB; Rw: 计权隔声指数/Weighted sound reduction index: dB																			
隔声等级/Level of Sound Reduction: R45																			
试验报告号/日期: Test report No./Date: A17-099/2017.04.11																			

证书编号/Certificate No.: JS22PTB00285-1/1