

COPY

NIPPON KAIJI KYOKAI



Certificate

Certificate No.
12EQ936FPA(R)

OF

APPROVAL


Item : Fire retardant coatings
Product name : Emulsion coating
Specification : See Annex.
Manufacturer : Mascoat
4310 Campbell Rd,
Houston, TX77041, USA
Testing standard : IMO FTP Code Annex1 / Part2 and Part 5
Test report : See Annex.

THIS IS TO CERTIFY that the above type of products has been approved by Nippon Kaiji Kyokai with type approval No. 05FPA60PT and that products of the type will be accepted for use onboard ships classed with the Society for compliance with the relevant requirements of the Society's *Rules for the Survey and Construction of Steel Ships* and those of the *International Convention for the Safety of Life at Sea, 1974, as amended*, subject to approval of the flag Administration and conditional upon that product verification should be carried out under the presence of surveyor of the Society.

This certificate is valid from 8th September, 2010 until 7th September, 2015.

Issued at Tokyo on 14th August, 2012.

NIPPON KAIJI KYOKAI


Y. Usuki
General Manager
Material and Equipment Department



Initial approval date : 8th September, 2005

Annex to the Certificate No.12EQ936FPA(R)



1. Test report

Test laboratory : Southwest Research Institute
 : SAN ANTONIO, TEXAS, USA
 Report number : 01.12703.01.635a
 Issue date : 20th March, 2007

Test laboratory : Southwest Research Institute
 : SAN ANTONIO, TEXAS, USA
 Report number : 01.16052.01.614j
 Issue date : 24th June, 2011

Test laboratory : Southwest Research Institute
 : SAN ANTONIO, TEXAS, USA
 Report number : 01.16052.01.614m
 Issue date : 15th August, 2011

Test laboratory : Southwest Research Institute
 : SAN ANTONIO, TEXAS, USA
 Report number : 01.16920.02.047a
 Issue date : 22th June, 2012

2. List of the coating system

2.1 Type of coating system: Emulsion coating

2.2 Standard Coating Condition

Top Coat	Emulsion coating
Under Coat	—

2.3 Standard specifications of the “Emulsion coating” group

	Article	Theoretical Quantity for Application (g/m ²)	Application Number	Thickness of Dry Coating (μ m)	Quantity of Organic Content (g/m ²)	Color of Specimen
Top Coat	Mascoat Marine DTM(120-mils)	468	6	3000	3.0	White
	Mascoat Sound Control-dB	864	5~6	4000	9.4	Gray

~The certificate end~