

Type Approval Certificate Extension

This is to certify that Certificate No. 01/00015 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:


PRODUCER Martek Marine Blinds Ltd
 Century Business Park
 Manvers Way
 Manvers
 Rotherham
 South Yorkshire, S63 5DS
 United Kingdom (UK)

DESCRIPTION Navigation bridge retractable solar blinds
TYPE Glaregard
APPLICATION Solar blinds for marine vessels
SPECIFIED STANDARD Martek Marine Blinds specification no. PL05100M-1 Rev. 1

RATINGS

(%)	Film Type			
	Silver RS10G	Grey RS10G/G	Gold RS10G/GO	Bronze RS10 B/B
Solar Energy Rejected	83	60	82	58
Glare Reduction	92	90	93	83
Visible light transmission	7	9	6	15
UV light transmission	<3	<3	<3	<3

Certificate No. 01/00015(E1)
Issue Date 30 November 2006
Expiry Date 04 February 2011
Sheet 1 of 2



P.F. Moysey
 London Design Support Services
 Lloyd's Register EMEA

Lloyd's Register EMEA
 71 Fenchurch Street, London EC3M 4BS

DESIGN APPRAISAL DOCUMENT

Date 30 November 2006	Quote this reference on all future communications LDSS/PAS/TA/W01145177/PFM/O-76962
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LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002.**Issued to: MARTEK MARINE BLINDS LTD****for: GLAREGARD SOLAR BLINDS****TYPE APPROVAL CERTIFICATE No. 01/00015(E1)**

The undemoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Martek letter, ref. PP101106L-1
LR Hull visit report, ref. LIV 0641090

10 Nov 2006

07 Nov 2006

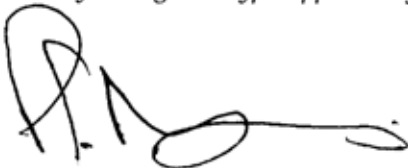
Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.



Peter Moysey
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"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. 01/00015(E1) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 01/00015 to which this extension should be attached.

Certificate No.	01/00015(E1)
Issue Date	30 November 2006
Expiry Date	04 February 2011
Sheet	2 of 2



P.F. Moysey
London Design Support Services
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

Part 1B
Subject: Navigational Aids
Product: Marine Window Accessories (Part 1B)

Producer/Licence No.	Type	Description of Product			Remarks	Cert. No.
		Details of Approval	Application			
Martek Marine Blinds Ltd, Century Business Park, Manvers Way, Manvers, Rotherham, South Yorkshire, S63 5DA, United Kingdom (UK).	GLAREGARD	Navigation bridge retractable solar blinds, types: RS10C Silver RS10G/G Grey RS10G/GO Gold RS10B/B Bronze Solar energy rejected (%): 58 to 83 Glare reduction (%): 83 to 93 Visible light transmission (%): 6 to 15 UV light transmission (%): <3	Solar blinds for marine vessels	Expires: 4 February 2011	01/00015(E1)	

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