

Maritime Solutions - SunScreen



RINA Certificate



TYPE APPROVAL CERTIFICATE
No. PRD057620XT

This is to certify that the product identified below satisfies the requirements of the standard quoted under "Reference standard"

Description	Navigation bridge and accommodation solar blinds
Type	ZET SCREEN
Manufacturer	ZET MARINE GEMI MUHENDISLIGI SAN.TIC. LTD.STI.
Place of manufacture	AYDINLI YOLU UZERI, KOMURCU SOKAK, NO.7, TUZLA ISTANBUL TURKEY
Reference standards	Manufacturer standards

Issued in RINA Turkey Marine on June 4, 2020. This Certificate is valid until June 3, 2025

RINA Services S.p.A.



This certificate consists of this page and 1 enclosure

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ZET SREEN

This is to certify that the undernoted product has been inspected satisfactorily result of RINA Type Approval System

Reference documents; Zet Marine Technical Specification
Technical characteristics; As per LR TA Certificate no 01/15(e1), Used shade film-ZT
Grey/Grey type and ratings are;
Solar Energy Rejection %62
Glare Reduction %89
Visible Light transmission %10
UV rejection > %99

Fields of application; Navigation bridge and accommodation retractable solar blinds for marine vessels.

Istanbul 04.06.2020



Features & Benefits

Gray / Gray Shade Film
Light Fastness - Level 7
99% UV Protection
Extremely high heat protection
62% total solar energy rejected
Neutral look from the inside and outside

Performance Data

Solar Direct Transmission	24 %
Solar Direct Reflection	17 %
Solar Direct Absorption	60 %
Visible Light Transmission	10 %
Visible Light Reflection, exterior	9 %
Visible Light Reflection, interior	9 %
UV Rejection	> 99 %
g value	0.38
Shading Coefficient	0.44
Total Solar Energy Rejection	62 %
Glare Reduction	89 %
Colour Rendering Index	73

Features & Benefits

Gray / Golden Shade Film
Light Fastness - Level 6/7
99% UV Protection
Extremely high heat protection
82% total solar energy rejected
Very good glare reduction
Neutral appearance

Performance Data

Solar Direct Transmission	9 %
Solar Direct Reflection	50 %
Solar Direct Absorption	41 %
Visible Light Transmission	7 %
Visible Light Reflection, exterior	43 %
Visible Light Reflection, interior	15 %
UV Rejection	> 99 %
g value	0.18
Shading Coefficient	0.21
Total Solar Energy Rejection	82 %
Glare Reduction	92 %
Colour Rendering Index	83

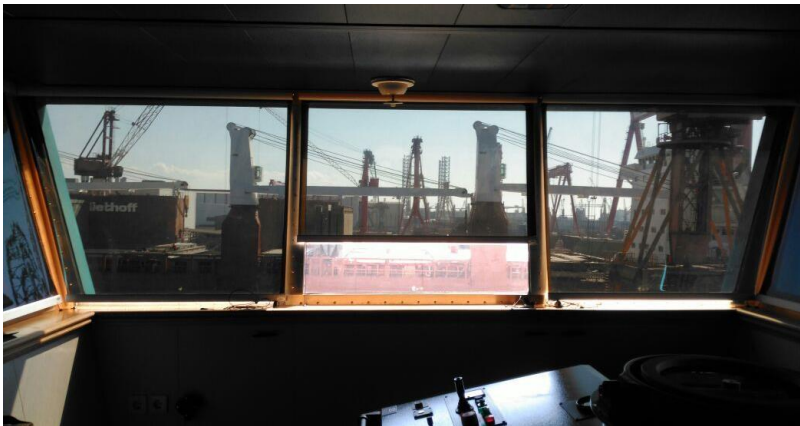
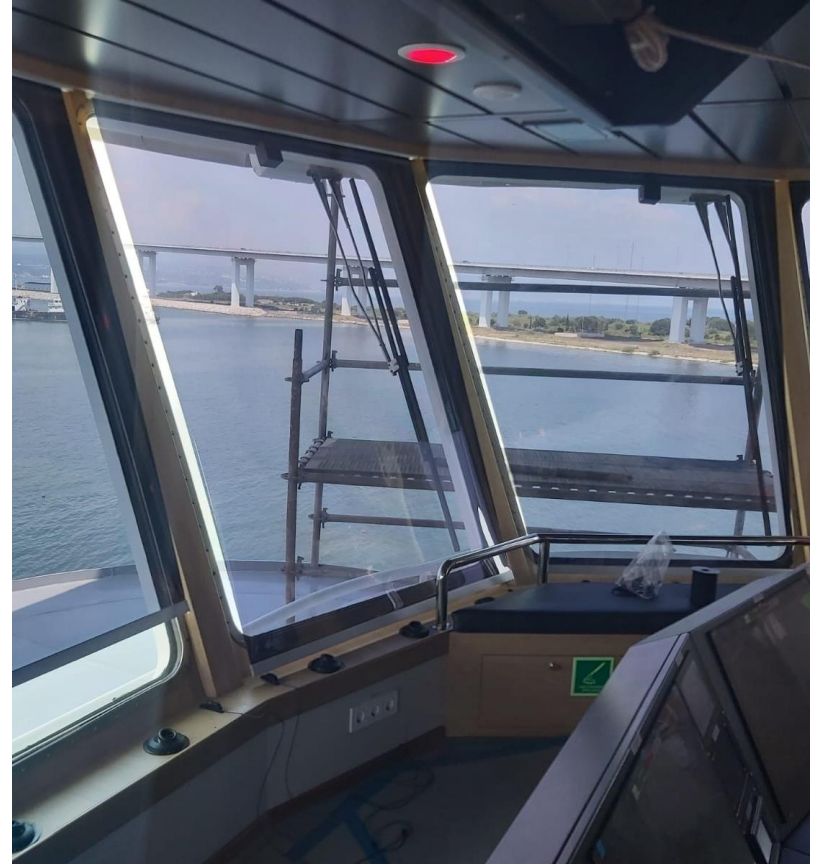
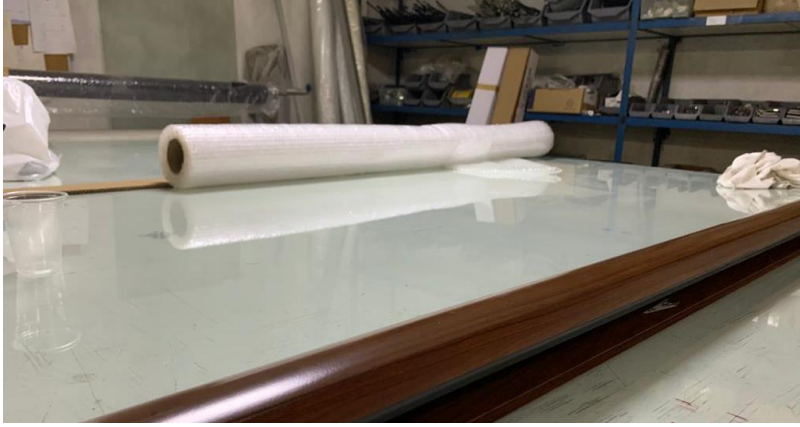
Features & Benefits

Gray / gray shade film
99% UV protection
Specially designed film for control towers
Very good glare protection providing excellent transparency to the outside
Scratch resistant coating

Performance Data

Solar Direct Transmission	20 %
Solar Direct Reflection	16 %
Solar Direct Absorption	63 %
Visible Light Transmission	2 %
Visible Light Reflection, exterior	7 %
Visible Light Reflection, interior	6 %
UV Rejection	> 99 %
g value	0.35
Shading Coefficient	0.41
Total Solar Energy Rejection	65 %
Glare Reduction	97 %
Colour Rendering Index	55

Film Models



Reference Projects
