



Cert. No.: A-11530
File No.: 849.61
Job no.: 262.1-008868-1

Product description

- LLUMAR SHADE FILM RS 10 G/G
 - Anti-glare film for roller-blind systems
 - Multi-layer film of micro-thin clear polyester (PET)
 - Film colour Gray/gray shade film
 - Glare reduction 89%
 - Energy rejection 62%
 - UV light transmission 0.05%
 - Visible light transmission 10%

Limitation

- Electric motors have not been assessed in this type approval.

Type Approval documentation

- Performance testing of LLumar Shade Film RS 10 G/G

Tests carried out

- Performance testing including: Instantly retractable, endurance tests
- Witnessing of working practises and procedures.

Marking of product

- Norfolk Blinds Pty Ltd

Certificate retention survey

A retention survey is to be performed at least once every second year, and upon renewal of this certificate.

The scope of the retention survey is to verify that the conditions stipulated for the type approval are complied with and that no alterations are made to the product design, systems, components and/or materials.

END OF CERTIFICATE





DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. A-11530
This Certificate consists of 2 pages

This is to certify that the
Antiglare Sunscreens
with type designation(s)

LLUMAR SHADE FILM RS 10 G/G

Manufactured by
Norfolk Blinds Pty Ltd
7320 CAMDALE, TAS, AUSTRALIA

is found to comply with

Det Norske Veritas' Rules for Classification of Ships

Place and date
Høvik, 2009-11-17
for DET NORSKE VERITAS AS

Frode Brattum
Head of Section



Local Office
DNV Hobart

This Certificate is valid until
2013-11-17

Øystein Holte
Surveyor

Notice: This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision, 'Det Norske Veritas' shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.