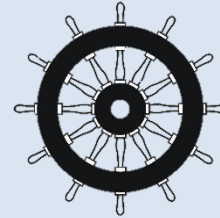


PRODUCT DESCRIPTION

RENOLIT ALKORFOL STEEL ship solid colours
RENOLIT ALKORFOL STEEL P ship printed items

RENOLIT ALKORFOL STEEL ship, self-adhesive solid colours
RENOLIT ALKORFOL STEEL P ship, self-adhesive printed items



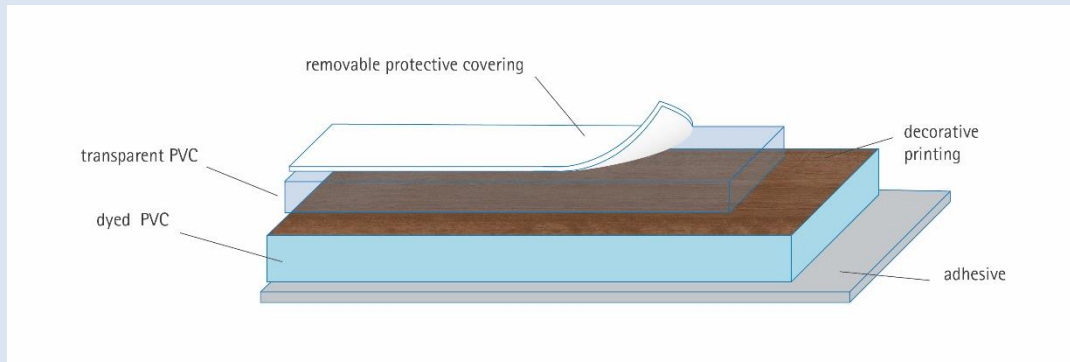
GENERAL DESCRIPTION

This film, which was specially designed for shipbuilding to generate very little smoke and be extremely flame resistant, is certified by the DGUV Test, Examination and Certification Centre (European notified body number 0736) according to IMO resolution MSC.307(88)-(FTP-Code 2010), provided that the foil is applied to metal surfaces (steel, stainless steel, aluminium alloy) with a thickness of ≥ 0.5 mm.

This foil is also available with self-adhesive backing and flame retardant as long as it is laminated directly on substrates as mentioned above.

This foil is used in shipbuilding for the purpose of constructing or refurbishing ceilings and walls.

Example product construction **RENOLIT ALKORFOL STEEL P ship, self-adhesive** printed item



PROPERTIES

Standard thickness Measured using weight per unit area	0.15 mm +/-10% (Self-adhesive variety 0.27 mm +/- 10%)
Weight (without protective film, without self-adhesive) DIN EN ISO 536	175 g/m ² +/- 9%
Hardness DIN EN ISO 868, 10 s	68 +/- 4 shore D
Behaviour under chemical strain DIN EN 12720 (test substances and exposure time pursuant to DIN 68861/1: 2001-01)	Stress group 1B (test substances 8-11) Stress group 1C (test substances 13-19)
Embossing stability* 10 min. 150°C, convection oven	No visible changes in shine, embossing or colour in comparison to the standard
Lightfastness DIN EN ISO 4892-2, 2006-06 DIN EN ISO 105-B02, 2002-07	≥ 6 (blue wool scale)
Optical impression*	Colour, embossing, shine, according to RENOLIT -master sample

* The degree of embossing or shine present can depend on the lamination process

PRODUCT DESCRIPTION

MANUFACTURING

Roll length	500 lfm (self-adhesive variety 50 lfm)
Width	1300 mm (self adhesive variety 1300 mm 650 mm)
Minimum order quantity	3000 lm (smaller quantities are available but subject to availability)

ENVIRONMENTAL SUSTAINABILITY

Semi-hard PVC foil; recipe that is free of formaldehyde and lead; the printed type is resistant to rubbing. Formula is REACH compliant.

PROCESSING

The recommendations for covering surfaces with the **RENOLIT ALKORFOL STEEL ship/ RENOLIT ALKORFOL STEEL P ship**, self-adhesive is described in more detail in the technical information under "Retrospective surface covering". The recommendations for processing and other information are available at **RENOLIT**.

CLEANING RECOMMENDATIONS

- Use non abrasive cleaners or mild cleaning solutions.
- Do not use abrasive cleaners, solvents, polishes, waxes or steam cleaning tools.
- As a precaution to test the suitability of a cleaning product, apply to an inconspicuous area, minimizing the time of exposure and the amount of cleaning agent (diluting as recommended by the supplier) in order to prevent any damage to the surface.

STORAGE CONDITIONS

- Store in a clean, dry place at room temperature (~23°C) in moderate humidity
- The foils can be stored unopened in their original packaging. They should be kept out of direct sunlight and away from heat sources
- Shelf life: without PE-protective covering: ~12 months, with PE-protective covering: 6 months
- The foil should be brought up to room temperature about 72 hours before it is processed

TECHNICAL STATUS 2019

The content of this technical information sheet is accurate according to our current knowledge and is designed for information purposes and is therefore completely non-binding. The information listed here does not release the processor from any testing responsibilities required of them by the relevant national guidelines with respect to their intended purposes. In particular, it is the responsibility of the customer to ensure that the product they've purchased is suitable for their purposes.