SeaProtect Tape Alu

Self-adhesive alu tape

The tape has been designed with outstanding adhesion strength and complies to IMO fire protection regulations as certified according to FTP code 2010. Joints and connections can be easily and fast sealed giving a high aesthetic finish, especially if alu-faced insulation remains uncovered. The tape is self-adhesive and can be teared manually, which means no cutting tools are needed to ease the work at the jobsite.

Effective fire protection

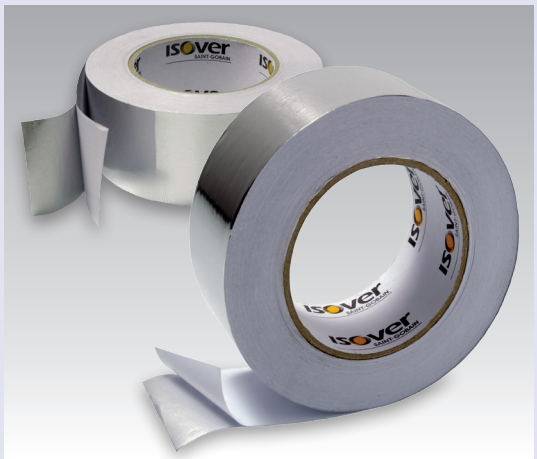
SeaProtect Tape Alu is certified according to IMO regulations (FTP code 2010)

Easy installation

Self-adhesive tape to seal joints (good aesthetics)
Outstanding adhesion

Fast installation

Easy to cut at correct length by manual tearing
No need of additional cutting tool



ISOVER-PDS-Marine-INT-ENG-SeaProtect Tape Alu-2018-10

SeaProtect Tape Alu

Self-adhesive alu tape

Characteristic	Symbol	Unit	Quantities and measured values	Standard
Application fields	–	–	For sealing of joints between ISOVER Alu faced mineral wool products and sealing of joints between Alu facings and metal Acts as a barrier against water and water vapour, provides safe protection against moisture penetration	-
Adhesive	–	–	Acrylic glue, Paper backing liner	–
Carrier material	–	–	Aluminium foil, thickness 26 microns	–
Operation temperature	–	[°C]	-40 °C – +80 °C	–
Installation temperature	–	[°C]	-5 °C – +40 °C	–
Storage condition	–	–	Room temperature (~20 °C/50 % relative humidity) Should be protected from humidity and not exposed to UV or heat source	–
Behaviour in fire	–	–	IMO Low flame spread according to FTP Code 2010 (Marine Equipment Directive 96/98 EC)	IMO FTP Code 2010
Dangerous substances	–	–	Free of isocyanate, PVC, heavy metals and halogens	–
Instruction for utilization	–	–	For any special use considered, suitability must be checked with shipyard and/or respectively class surveyor, by doing if required application tests onboard For good installation, as for all pressure-sensitive tapes, it is sufficent to apply the correct contact pressure on the SeaProtect Tape Alu to bond it on top of Alu faced mineral wool products Surface must be dry, free of dust and grease	–
Miscellaneous	–	–	For ageing tests carried out by ISOVER to ensure that strong bonding properties still occur after 90 days, at 65 °C / 80 % relative humidity	–

Property	Standard	Unit	Required value
Tape thickness excluding release liner	–	mm	0.06 + / - 10 %
Elongation at break	ASTM D3759	%	3.0
Tensile strength	ASTM D3759	N/25 mm	40
Adhesion to steel Peeling	ASTM D3330	N/25 mm	15
Water vapour permeability	AFERA 4002	g/m^2 x 24 h	< 1.0
Water vapour diffusion equivalent Sd	DIN 52615	m	> 1500

Delivery form		
Width [mm]	**Length [m]**	**Rolls / pack [pcs]**
50	100	24

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The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. Please verify whether our products are appropriate for the concrete application. For further information please contact our Isover sales offices. We deliver only according to our terms of trade and terms of delivery.

SAINT-GOBAIN ISOVER · "Les Miroirs" · 18, avenue d'Alsace · 92400 Courbevoie · France

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