



U SeaProtect Slab 48 Alu1

Slabs aluminium faced- Density 48 kg/m³

ULTIMATE mineral wool provides a unique high-performance profile: It combines safety, comfort and ease of handling.



FIRE RESISTANCE

ULTIMATE provides effective fire resistance, but also very good performance in reaction to fire.



THERMAL INSULATION

Excellent thermal insulation combined with unique efficiency.



SOUND ABSORPTION

Improved acoustic comfort due to its excellent sound absorption and sound insulation properties.



LIGHTWEIGHT

Increase insulation - reduce weight. ULTIMATE combines high fire & thermal performance with very low weight.

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CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES							STANDARD
Thermal conductivity	T	[°C]	10	50	100	150	200	300	400	DIN EN 12667
	λ_{NR}	[W/(m•K)]	0.032	0.036	0.042	0.051	0.060	0.086	0.122	

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES							STANDARD
Specific thermal capacity	c	kJ/(kg•K)	1.03							ISO 10456
Reaction to fire	-	-	Melting point according to DIN 4102, part 17: ≥ 1000 °C. Non combustible according to IMO-Resolution MSC.61(67)-(FTP-Code), IMO MSC/Circ. 1120.							-
Application field	-	-	Thermal insulation, acoustic insulation and fire protection constructions in shipbuilding.							-
Material	-	-	Mineral wool with quality mark RAL by the Gütegemeinschaft Mineralwolle e.V., unriskey regarding health according to German decree on dangerous substances, decree on prohibition of chemicals and to guideline EU 97/69 Nota Q.							-
Instructions for transformation	-	-	Due to the differentiation of density optimal delivery forms are possible for each application field.							-
Quality management	-	-	ISOVER is certified according to DIN EN ISO 9001, DIN EN ISO 14001 and DIN EN ISO 5001.							EN ISO 9001 EN ISO 14001 EN ISO 500001
Type approval certificates	-	-	EC-Type Examination MED-B (Non Combustibility) : SEE0736P0001899 exp. 15/09/2029 EC-Type Examination MED-B (Low Flame Spread): 118147-06 exp.24/01/2029 QAS MED-D Certificate: SEE0736Q0000108 exp. 19/05/2027							-

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DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION*

THICKNESS D [MM]	WIDTH B [MM]	LENGTH [MM]
100	600	1200
30	600	1200
40	600	1200
50	600	1200
60	600	1200
70	600	1200
80	600	1200

* On some products, minimum order quantities are requested.

** Further dimensions on request.



www.isover-technical-insulation.com

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.

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