



U SeaProtect Slab 56 B-GI

Slabs with an alu-coated glass fabric, glass cloth side outside – Density 56 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	EN 12667
	λ_{NR}	[W/(m•K)]	0.031	0.036	0.041	0.049	0.057	0.078	0.0104	

CHARACTERISTIC	SYMBOL	UNIT	THICKNESS	VALUES	STANDARD
Sound absorption value	α_w	-	70 mm	0.45	-

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	VALUES	STANDARD
Air flow resistivity	σ	[KPa• s/m²]	Density 56 kg/m³	50	EN 29053

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	STANDARD
Specific thermal capacity	c	kJ/(kg•K)	1.03	ISO 10456
Reaction to fire	-	-	Non-combustible material	IMO Resolution MSC.307 (88)-(FTP-Code 2010), Annex 1, Part 1
Application field	-	-	Thermal insulation, acoustic insulation and fire protection constructions in shipbuilding	
Material	-	-	Mineral wool with quality marks EUCEB and RAL unrisky regarding health according to regulation EC No 1272/2008 Note Q	
Facing	-	-	Alu-coated glass fabric, with glass cloth side outside	-
Water vapour diffusion resistance factor	μ	-	- 1.0	-
Instructions for use	-	-	Can be cut and punched Due to the differentiation of density optimal delivery forms are possible for each application field	-
Quality management	-	-	Isover is certified according to EN ISO 9001, EN ISO 14001 and EN ISO 50001	-
Type approval certificates	-	-	EC-Type Examination MED-B (Non Combustibility) : SEE0736P0001899 exp. 15/09/2029 EC-Type Examination MED-B (Low Flame Spread): 118156-04 exp. 02/01/2029 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]
30	625	1200
40	625	1200
50	625	1200
60	625	1200
70	625	1200
80	625	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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