



U SeaProtect Slab 50



Slabs unfaced – Density 50 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.



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)]	0.031	0.036	0,042	0,050	0,059	0,080	0,109	
Thermal behaviour	T	[°C]	ST(+/250) 460							EN 14303

CHARACTERISTIC	SYMBOL	UNIT	THICKNESS	VALUES	STANDARD
Sound absorption value	α_w	-	60 mm	1,00	ISO 354 ISO 11654

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	VALUES	STANDARD
Air flow resistivity	σ	[KPa· s/m ²]	Density 50 kg/m ³	[40-60]	DIN 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	RESOLUTION MSC.307(88) (2010 FTP CODE)
Application field	-	-	Thermal, acoustic insulation and fire protection constructions in ship-building. Approved for A-Class steel constructions.	EN 14303
Material	-	-	Mineral wool with quality marks EUCEB and RAL unrisky regarding health according to regulation EC No 1272/2008 Note Q	-
Water vapour diffusion resistance factor	μ	-	- 1.0	-
Quality management	-	-	Certified according to DIN EN ISO 9001 and DIN EN ISO 14001.	EN ISO 9001 EN ISO 14001
Type approval certificates			EC-Type Examination MED-B (Non Combustibility): 114477-05 exp.08/03/2028 QAS MED-D Certificate: SEE0736Q0000108 exp. 19/05/2027	

DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION*

THICKNESS D [MM]	WIDTH B [MM]	LENGTH [MM]
25	600	1200
30	600	1200
50	600	1200
60	600	1200

* On some products, minimum order quantities are requested.
** Further dimensions on request.



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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.

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