



U SeaProtect Slab 24 V1

Slabs glass veil faced - Density 24 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

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



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	EN 12667
	$\lambda_{N,R}$	[W/(m·K)]	0.034	0.040	0.049	0.062	0.080	0.124	
Thermal behaviour	T	[°C]	From 150 °C on the binder starts to volatilise.						AGI Q 132

CHARACTERISTIC	SYMBOL	UNIT	THICKNESS	VALUES	STANDARD
Sound absorption value	α_w	-	50 mm	1.00	ISO 354 ISO 11654
			100 mm		

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	VALUES	STANDARD
Air flow resistivity	σ	[KPa· s/m ²]	Density 24 kg/m ³	[5-25]	DIN EN 29053

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	STANDARD
Specific thermal capacity	c	kJ/(kg·K)	0.84	EN 14706
Reaction to fire	-	-	Melting point according to DIN 4102, part 17: ≥ 1000 °C. Non combustible according to IMO-Resolution MSC.61(67)-(FTPCode), IMO MSC/Circ. 1120 surface material with low flame-spread characteristics. Homologated for shipbuilding.	IMO-Resolution MSC.307(88)-(FTP-Code 2010)
Application field	-	-	Thermal insulation, acoustic insulation and fire protection constructions in shipbuilding. Approved for A-Class Steel Constructions.	-
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.	-
Facing	-	-	U SP Rolls 24 V1 are one-side faced with reinforced glass tissue.	-
Water vapour diffusion resistance factor	μ	-	1	-
Quality management	-	-	Isover is certified according to DIN EN ISO 9001 and DIN EN ISO 14001.	EN ISO 9001 EN ISO 14001 EN ISO 50001
Type approval certificates	-	-	EC-Type Examination MED-B (Non Combustibility): 114477-05 exp. 08/03/2028 EC-Type Examination MED-B (Low Flame Spread): 118156-04 exp. 02/01/2029 QAS MED-D Certificate: SEE0736Q0000108 exp. 19/05/2027	

DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION*

THICKNESS D [MM]	LENGTH [MM]	WIDTH B [MM]
100	1200	600
20	1200	600
30	1200	600
40	1200	600
50	1200	600
60	1200	600
80	1200	600

*All dimensions require minimum order quantities / other 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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