



U SeaProtect Slab 100 V1



Slab glass veil faced – density 100 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 at 10°C	λ	[W/(m·K)]	0.031	EN 12667
Thermal behaviour	T	°C	The thickness of the insulating layer has to be correctly dimensioned so that the faced side is exposed to a maximum of 100 °C. The binder begins to volatilize at 150 °C.	AGI Q 132
Specific thermal capacity	c	kJ/(kg·K)	1.00	ISO 10456
Reaction to fire	-	-	Melting point: ≥ 1000 °C (DIN 4102, part 17). Non-combustible (IMO-Resolution MSC.61(67)-(FTP-Code), IMO MSC/Circ. 1120). Approved for shipbuilding (EC Type Examination Certificate Nr.: 114.477/118156).	DIN 4102 IMO
Application field	-	-	Thermal, acoustic insulation and fire protection 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.	-
Facing	-	-	One-sided faced with reinforced glass tissue.	-
Water vapour diffusion resistance factor	μ	-	- 1.0	EN 12086
Thermal coefficient of expansion	α	1/K	No change in dimensions within the application field.	-
Instructions for transformation	-	-	Can be cut and punched. Due to the differentiation of density, optimal delivery forms, are possible for each application field.	-
Quality management	-	-	Certified according to DIN EN ISO 9001 and DIN EN ISO 14001.	EN ISO 9001 EN ISO 14001
Delivery form	-	-	Thickness d (mm): 15,25	-

* Dimensions on request, products with minimum order quantities are requested.



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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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