

U SeaProtect Roll

Bare rolls - density from 13 to 36 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	EN 12667
U SeaProtect Roll 13	λ	[W/(m·K)]	0.039	0.047	0.063	0.080	0.108	-	-	
U SeaProtect Roll 24			0.034	0.040	0.049	0.062	0.080	0.124	-	
U SeaProtect Roll 36			0.032	0.037	0.045	0.055	0.069	0.104	0,153	
Thermal behaviour	T	[°C]	Exposure to temperature until 400 °C (depends on density) is possible. From 150 °C on the binder starts to volatilise.							AGI Q 132

CHARACTERISTIC	SYMBOL	UNIT	THICKNESS	VALUES	STANDARD
Acoustic absorption value	α _w	-	U SeaProtect Roll 24 50 mm	1.00	DIN EN 29053
			U SeaProtect Roll 24 100 mm		
			U SeaProtect Roll 36 70 mm		

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	VALUES	STANDARD
Resistivity to air flow	σ	[KPa.s/m²]	U SeaProtect Roll 13	≥5	DIN EN 29053
			U SeaProtect Roll 24	15	
			U SeaProtect Roll 36	30	

CHARACTERISTIC	SYM-BOL	UNIT	QUANTITIES AND DECLARED VALUES	STANDARD
Specific thermal capacity	c	kJ/(kg·K)	0.84	ISO 10456
Reaction to fire	-	-	Melting point according to DIN 4102, part 17: ≥ 1000 °C. Non combustible according to IMO-Resolution. Holologated for shipbuilding according to EC Type Examination. Certificates Nr.: MED-B+D Certificate = visit our website.	DIN 4102 IMO
Chemical behaviour	-	-	Sulphide free.	-
Application field	-	-	Thermal insulation, acoustic insulation and fire protection constructions in shipbuilding.	-
Material	-	-	Mineral wool with quality marks EUCB and RAL by the Gütegemeinschaft Mineralwolle e. V., unrisky regarding health according to German decree on dangerous substances, decree on prohibition of chemicals and to regulation EC No 1272/2008 Note Q.	-
Water vapour diffusion resistance factor	μ	-	- 1.00	EN 12086
Quality management	-	-	ISOVER is certified according to DIN EN ISO 9001 and DIN EN ISO 14001.	DIN EN ISO 9001 DIN EN ISO 14001

DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION*					
Products	Thickness d (mm)	Length l (m)	Width b (m)	m²/pack	m²/pallet
U SeaProtect Roll 24	50	14.00	1.20	16.80	201.60
U SeaProtect Roll 24	100	7.00	1.20	8.40	100.80
U SeaProtect Roll 36	70	3.20	1.20	3.84	69.12

* On some products, a minimum order quantity is required. Other dimensions on request.



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