

U SeaProtect Roll G220

Rolls glass cloth faced G220- density from 20 to 56kg/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.

U SeaProtect Roll G220



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES							STANDARD
Thermal conductivity	T	[°C]	10	50	100	150	200	300	400	EN 12667
U SeaProtect Roll 24 G220	λ	[W/(m·K)]	0.034	0.040	0.049	0.062	0.080	0.124	-	
U SeaProtect Roll 36 G220			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 G220 50 mm	1.00	DIN EN 29053

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

CHARACTERISTIC	SYMBOL	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. Homologated 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.	EN 14303
Material	-	-	Mineral wool with quality marks EUCEB 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.	-
Facing	-	-	U SeaProtect Rolls G220 are faced on one side with a glass fiber tissue with a gram weight of ~ 220 g/m².	-
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*					
Product	Thickness d (mm)	Length l (m)	Width b (m)	m²/pack	m²/pallet
U SeaProtect Roll 24 G220	50	14.00	1.20	16.80	201.60
U SeaProtect Roll 24 G220	100	7.00	1.20	8.40	100.80
U SeaProtect Roll 50 G220	60	3.20	1.25	4.00	72.00
U SeaProtect Roll 56 G220	50	3.80	1.25	4.75	85.50

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



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