



## U SeaProtect Wired Mat 36

### Wired Mats unfaced – density 36 kg/m<sup>3</sup>

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
	$\lambda_{NP}$	[W/(m·K)]	0.032	0.037	0.045	0.055	0.069	0.104	0.153	
Thermal behaviour	T	[°C]	Exposure to temperature until 650 °C (depends on density) is possible From 150 °C on the binder starts to volatilise							AGI Q 132

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES							STANDARD
Specific thermal capacity	c	kJ/(kg·K)	1.03							ISO 10456
Reaction to fire	-	-	Melting point according to DIN 4102, part 17: $\geq 1000$ °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 4102-17 IMO-Resolution MSC.307(88)- (FTP-Code 2010)
Chemical behaviour	-	-	Sulphide free							-
Application field	-	-	Thermal insulation, acoustic insulation and fire protection constructions in shipbuilding							-
Material	-	-	Mineral wool with quality mark RAL by the Gütegemeinschaft Mineralwolle e.V. unrisksky regarding health according to German decree on dangerous substances, decree on prohibition of chemicals and to Regulation (EC) N°1272/2008							-
Water vapour diffusion resistance factor	$\mu$	-	~ 1.0							ISO 10456
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

### DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION\*

THICKNESS D [MM]	WIDTH B [MM]
100	600
120	600
50	600
60	600
70	600
80	600

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



### [www.isover-technical-insulation.com](http://www.isover-technical-insulation.com)

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SAINT-GOBAIN ISOVER · Tour Saint-Gobain 12 place de l'Iris 92096 La Défense cedex - France