

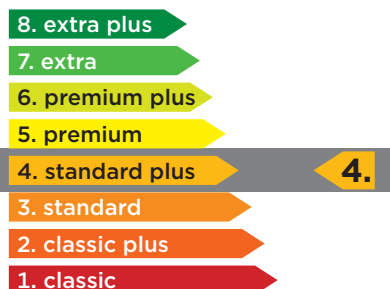
U TECH Roll MT 4.0 Alu1/V1

The ULTIMATE solution for light and efficient insulation rolls

ULTIMATE U TECH Roll MT 4.0 is the flexible and light alternative to standard industry slabs and wired mats. The ULTIMATE roll is designed to combine standard-plus thermal and acoustic insulation performance with light weight and flexibility of a highly-compressed roll for insulation for maximum service temperatures of up to 460°C - making the transport and installation fast, efficient and as easy as possible.

U TECH Roll MT 4.0 is produced in AS-Quality (Cl- ≤ 10 ppm) for usage when in contact with austenitic steel structures. On request with yellow (V1) or reinforced aluminium facing (Alu1).

Thermal Efficiency Indicator



COST EFFECTIVE SOLUTION



Standard-Plus thermal performance combined with lightweight provides installation time saving and less heat loss costs

THERMAL INSULATION



Standard-Plus thermal performance for service temperatures up to 460°C with up to 35% better efficiency than standard solutions

SOUND INSULATION



The ability of mineral wool to act as a spring results in reducing vibration and noise emissions in industrial processes

FIRE REACTION



Non-combustible, Euroclass A1 for effective fire protection on industry sites

FAST INSTALLATION



Flexibility, lightweight and compressibility helps to handle and install the product easier and faster

IMPROVED LOGISTICS



Transport and storage savings with up to 80% more material per pallet than standard solutions



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES							STANDARD
Thermal conductivity	T	[°C]	10	50	100	150	200	300	400	EN 12667 EN ISO 13787 ASTM C177
	λ	[W/(m·K)]	0.032	0.036	0.042	0.051	0.060	0.086	0.122	
Thermal behaviour	T	[°C]	Maximum service temperature 460 (under 250 Pa) Maximum service temperature 650							EN 14706 C447/C411

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES							STANDARD
Specific thermal capacity	c	kJ/(kg·K)	1.03							ISO 10456
Reaction to fire	-	-	Non combustible; Euroclass A1 Fire Spread Index = 0; Smoke Development Index < 20 Fire Spread Index ≤ 25; Smoke Development Index ≤ 25 for U TECH Roll MT 4.0 Alu1							EN 13501-1 ASTM E84
Water behaviour	WS	kg/m ²	No short term water absorption by partial immersion (WS1 ≤ 1 kg/m ²) for «Si» product Water vapour diffusion resistant (μ = 2)							EN ISO 29767 EN 12086
Chemical behaviour	-	-	AS-quality (Leachable Chloride ≤10ppm) Leachable chloride content less than 10 ppm (CL10) Do not contribute to corrosion of stainless steel							AGI Q 132 EN 13468 ASTM C795/871
Application field	-	-	Product for use in technical applications, such as tanks and ves- sels, exhaust ducts and stacks with need for good thermal and/or acoustic insulation at medium process temperatures							EN 14303
Material	-	-	ULTIMATE mineral wool flexible roll With quality marks EUCEB and RAL by the Gütegemeinschaft Min- eralwolle 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							CINI 2.2.02
Facing	-	-	Reinforced aluminium facing (Alu1) Yellow veil facing (V1)							-
Miscellaneous	-	-	Insulating material identification number: 10.06.03.99.04 For "Alu1" version, designation code : MW-EN 14303-T2- ST(+250)460-CL10-MV2 For other versions, designation code : MW-EN 14303-T2- ST(+250)460-CL10-AF25							AGI Q 132 EN 14303
Quality management	-	-	CE-marked according to EN 14303 ISOVER is certified according to EN ISO 9001 and EN ISO 14001							EN 14303 EN ISO 9001 EN ISO 14001

DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION*

THICKNESS D [MM]	WIDTH B [MM]	LENGTH [MM]	M ² /PACK	M ² /PALLET	SLABS/PALLET	PACKS/PALLET
100	600	2,500	3.00	54.00	2	18
30	600	8,400	10.08	181.44	2	18
40	600	6,300	7.56	136.08	2	18
50	600	5,000	6.00	108.00	2	18
60	600	4,200	5.04	90.72	2	18
80	600	3,000	3.84	69.12	2	18

* 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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