



# TECH Roll 2.0 Alu2

## Ultra-light and flexible glass mineral wool rolls

TECH Roll 2.0 is the highly-flexible and ultra-lightweight glass mineral wool solution for thermal and acoustic insulation of various industry insulation equipment such as tanks and vessels, exhaust ducts and stacks.

TECH Roll 2.0 can be used for service temperatures up to 200°C. On request with reinforced aluminium facing (Alu2) for service temperatures up to 250°C.



### FAST INSTALLATION

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



### THERMAL INSULATION

Classic-Plus thermal insulation performance for service temperatures up to 200°C



### SOUND ABSORPTION

Up to 95% of sound energy absorbed due to optimal longitudinal air flow resistance and uniform porosity values



### FIRE REACTION

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



### IMPROVED LOGISTICS

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



### LIGHTWEIGHT

Lightweight solution with up to 50% weight savings compared to standard insulation solutions

### Thermal Efficiency Indicator

8. extra plus

7. extra

6. premium plus

5. premium

4. standard plus

3. standard

2. classic plus

2.

1. classic



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES				STANDARD
Thermal conductivity	T	[°C]	50	100	150	200	EN 12667 EN ISO 13787
	$\lambda$	[W/(m·K)]	0.042	0.053	0.067	0.083	
Thermal behaviour	T	[°C]	Maximum service temperature 200 (under 250 Pa) Maximum service temperature 250 (under 250 Pa) for Alu2				EN 14706

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 Euroclass A2-s1,d0 for TECH Roll 2.0 Alu2				EN 13501-1
Water behaviour	WS	kg/m <sup>2</sup>	No short term water absorption by partial immersion (WS1 ≤ 1 kg/m <sup>2</sup> )				EN ISO 29767
Chemical behaviour	-	-	Do not contribute to corrosion of stainless steel				ASTM C795/871
Application field	-	-	Product for use in technical applications, such as tanks and vessels, exhaust ducts and stacks, with need for: thermal and/or acoustic insulation performances especially at ambient to medium temperatures				EN 14303
Material	-	-	Ultra-light and flexible glass mineral wool roll for industry applications. With quality marks EUCEB and RAL by the Gütegemeinschaft Mineralwolle e. V., unriskey regarding health according to German decree on dangerous substances, decree on prohibition of chemicals and to regulation EC No 1272/2008 Note Q				CINI 2.1.02
Facing	-	-	On request: Reinforced aluminium facing (Alu2)				-
Miscellaneous	-	-	Designation code: MW-EN 14303-T2-ST(+/250)200-WS1				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	-	-	Please contact your local ISOVER dealer All dimensions require minimum order quantities				-



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

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