ULTIMATE Tech Slab 3.0 N
New: U TECH Slab MT 3.0 / Alu 1 / V1 / V2

High performance ULTIMATE slab for medium-high temperatures – the flexible alternative

U TECH Slab MT 3.0 is the flexible and light alternative to standard industry slabs. Designed for combining standard thermal and acoustic insulation with light weight and flexibility for surface temperatures of up to 520 °C – making the installation fast, efficient and as easy as possible.

Thermal insulation
Standard thermal insulation for surface temperatures up to 520°C

Light weight
Light weight solutions with more than 45% weight saving solutions compared to traditional industry slabs
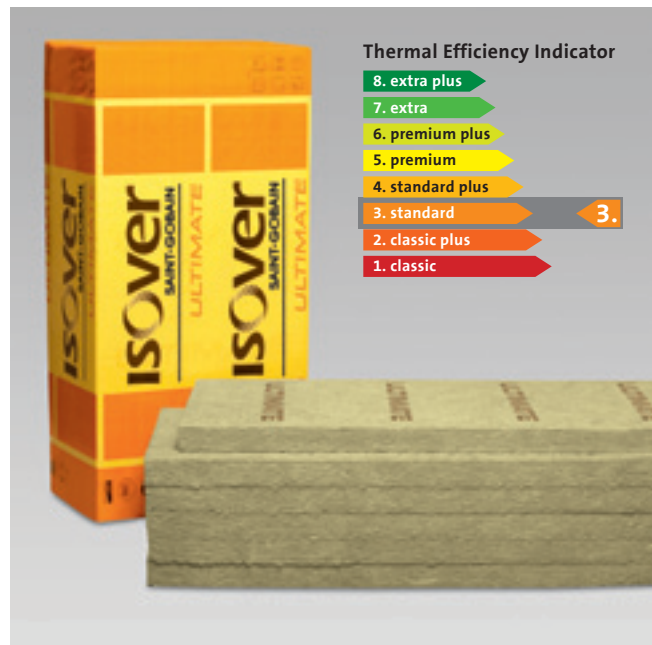
Fast Installation
Light weight and flexibility of the slab allows to work faster and more efficient

Acoustic Insulation
Effective acoustic protection with air flow resistance of AFr ≥ 19

Thermal Efficiency Indicator

- 8. extra plus
- 7. extra
- 6. premium plus
- 5. premium
- 4. standard plus
- 3. standard — 3.
- 2. classic plus
- 1. classic

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Characteristic	Symbol	Unit	Quantities and measured values								Standard
Application fields	-	-	Product for use in technical especially high temperature applications , such as industrial vessels, tanks, rectangular exhaust ducts, industrial equipments, with need for thermal and acoustic insulation at light weight								-
Material	-	-	Mineral wool with quality mark RAL by the Gütegemeinschaft Mineralwolle e. V., unrisky regarding health according to German decree on dangerous substances, decree on prohibition of chemicals and to guideline EU 97/69 Nota Q.								-
Thermal conductivities	T	[°C]	10	50	100	200	300	400	500		EN 12667
	$\lambda_{N,R}$	[W/(m•K)]	0.032	0.037	0.044	0.065	0.095	0.137	0.190		
Thermal behaviour	-	-	Maximum service temperature: Tmax = 440°C under 500Pa Tmax = 520 °C under 250 Pa From 150 °C on the binder begins to volatilise								EN 14706
Behaviour in fire	-	-	Non combustible Euroclass A1								EN 13501
Specific thermal capacity	c	[kJ/(kg•K)]	~ 1								-
Acoustics	α	kPa•S/m²	Sound absorption, $α_w$ = 0.89 Specific Airflow resistance AFr ≥ 19								EN 11654 EN 29053
Chemical behaviour	-	-	AS-Quality Hydrophobic Sulphide-free Free of corrosion supportive material Silicone-free on request								AGI Q 132
Facing	-	-	Product also available with following standard facings: Alu1: faced on one side with an aluminium foil of 65 g/m² reinforced with a grid. V1: faced on one side with a reinforced yellow glass tissue of 35 g/m². V2: faced on one side with a reinforced black glass tissue of 35 g/m². Insulation layer must be designed so that the coated side is stressed by a maximal temperature of 100 °C.								-
Quality management	-	-	CE-marked according to EN 14303 (in prepararion) Isover has been certified according EN ISO 9001								EN 14303 EN ISO 9001

Delivery form: Standard dimensions / packaging information					
Thickness (mm)	30	40	50	60	100
Width (mm)	600	600	600	600	600
Length (mm)	1200	1200	1200	1200	1200
m²/pack	9.36	7.20	5.76	4.32	2.88
m²/pal	112.32	86.40	69.12	51.84	34.56
Slabs/pack	13	10	8	6	4
Pack/pal	12	12	12	12	12
Further dimensions available on request.					

www.isover-technical-insulation.com

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