



## CLIMLINER Slab Cleantec

### Resilient and robust acoustical and thermal internal insulation of metal air ducts

CLIMLINER Slab CLEANTEC solution provides robust thermal and acoustic insulation to metal air ducts and HVAC equipment. This solution is used when both thermal and acoustic insulation is required simultaneously inside the air duct. CLIMLINER Slab CLEANTEC system can also be used inside ventilation units or for plenum boxes and for acoustic silencers.

CLIMLINER Slab CLEANTEC system is composed of CLEANTEC Slabs: glass wool slabs faced with durable glass fabric. This fabric will be installed in contact with the airstream, providing: High acoustic absorption: The inside facing ensures a high acoustic absorption. The inside facing constitutes a smooth surface, with high resistance to tearing (cleanable by brushing). No fibers in airstream. CLIMLINER Slab CLEANTECs are manufactured from inorganic chemically biosoluble materials and do not include anything that would have effect on corrosion and shall not facilitate microbial growth.



#### LIGHTWEIGHT

Lightweight for easy handling



#### MECHANICAL RESISTANCE

The inside facing constitutes a smooth surface, with high resistance to tearing (cleanable by brushing)



#### THERMAL INSULATION

The glass wool provides thermal insulation and reduces energy losses



#### SOUND ABSORPTION

The inside facing ensures a high acoustic absorption



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES				STANDARD
Thermal conductivity	T	[°C]	10	50	100	150	EN 12667
	$\lambda$	[W/(m·K)]	0.032	0.038	0.046	0.061	
Maximum service temperature	-	[°C]	<150°C				EN 14303

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES							THICKNESS [MM]	STANDARD	
Acoustic absorption	$\alpha$	Hz	$\alpha_w$	125	250	500	1000	2000	4000	-	EN ISO 354 EN ISO116	
		-	0.6		0.70	0.85		0.90	1	1		25
			0.65	0.13	0.38	0.8	0.98	30				
			0.7	0.16	0.5	0.89	1	1				40
			1	0.2	0.65	1						1
				0.7	1		100					

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES				STANDARD
Fire behaviour	-	-	Non combustible, Euroclass A2-s1, d0				EN 13501-1
Application field	-	-	ISOVER CLIMLINER Slab CLEANTEC provides topclass acoustical and thermal insulation for HVAC duct systems and equipment. Durable glass fabric facing and excellent compression resistance provides stability and robustness which are easy to install.				EN 14303
CE marking	-	-	MW-EN 14303-T4-ST150				EN 14303
Quality management	-	-	ISOVER is certified according to EN ISO 9001 and EN ISO 14001				EN ISO 9001 EN ISO 14001
Delivery form	-	-	Standard dimensions (check product details and availability from your local ISOVER supplier)				-



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

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