



TRAIN LINER 5mm Roll

Thin thermo-acoustic insulation for train applications

Thermal and acoustic insulation adapted to all surfaces where 5 mm thickness is available or requested, interior of air duct and HVAC equipment



FIRE REACTION

EN 45545-2 - HL3 compliant.



SOUND ABSORPTION

Optimized sound absorption properties.



THERMAL INSULATION

Optimized thermal insulation.



THIN SOLUTION

Thinnest thermo-acoustic insulation adapted to train application.

TRAIN LINER 5mm Roll



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES		STANDARD
Thermal performance	λ	[W/(m·K)]	Thermal Conductivity at 10 °C.	0.034	EN 12667
		[(m²·K)/W]	Thermal Resistance.	0.14	
Thermal behaviour	R	-	Normal service conditions: 20 °C and RH < 70 %. Maximum service temperature: 80 °C.		-

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES							STANDARD
Acoustic absorption	f	Hz	125	250	500	1000	2000	4000	α_w	ISO 354
	α	-	0.02	0.01	0.07	0.19	0.45	0.66	0.15	

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES		STANDARD
Reaction to fire	-	-	EN 45545-2 (R1): HL3 Official lab summary upon request Other fire and smoke ratings: please contact us		EN 45545-2
Application field	-	-	TRAIN LINER 5 mm Roll / CLIMAVER 504 is a thin mineral wool blanket sewn together with a glass tarlatan cloth on one side		-
Air velocity and erosion test	-	-	15 m/s (free from erosion when tested at 43 m/s).		UL 181
Density	-	kg/m³	110		-

DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION*				
LENGTH [MM]	WIDTH B [M]	THICKNESS D [M]	ROLLS/PACK	M²/PACK
30	1.20	5	1	36

* Products must be stored inside, in a dry and clean location.



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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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