

Technical Datasheet CALOR

Fill and blow insulation made from loose, recycled, unbound leather fibers

		Unit	Value
Fire behavior	DIN EN 13501-1		Class E
Resistance to infestation by animal pests	EAD 040005-00-1201 appendix C		Resistant to attacks from clothes moths and upholstery beetles
Slump in the wall cavity	DIN EN 15101-1 appendix B2	%	0
Slump under shock excitation	DIN EN 15101-1 appendix B3 without conditioning	%	7,5
Slump under shock excitation	DIN EN 15101-1 appendix B3 with conditioning	%	13
Water vapor permeability	DIN EN 12086	μ	1,8
Specific flow resistance	DIN EN ISO 9053-1:2019-03	Pa s/m	1780
Length-related flow resistance	DIN EN ISO 9053-1:2019-03	kPa s/m ²	17,8
Resistance to mold growth	EAD 040138-01-1201 appendix B	Rating level	0
Thermal conductivity λ_{grenz}	DIN EN 12667	W/(m*K)	0,041
Thermal conductivity λ_B	DIN EN 12667	W/(m*K)	0,051

Manufacturer

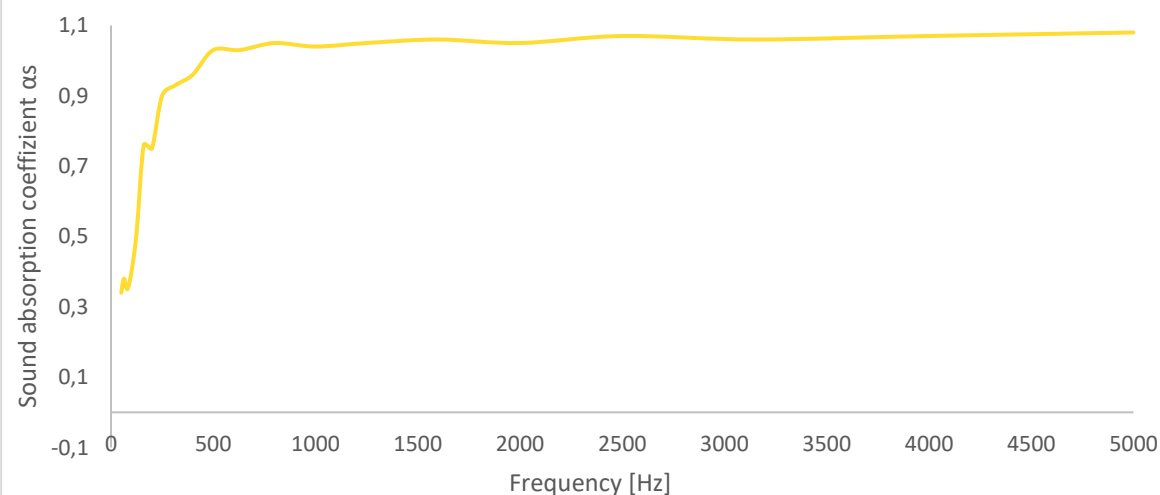
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Sound absorption coefficient α_s according to DIN EN ISO 354



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Description

CALOR is a loose and blown-in insulation made from loose, recycled, unbound leather fibers. The current area of use includes the application areas DZ, WH, WI, WTR according to DIN 4108-10. The thermal insulation material can be used in the following ways: As an exposed thermal insulation material on horizontal or curved or moderately inclined surfaces ($\leq 10^\circ$) and between trusses or beams of roof ceilings, - as a space-filling thermal insulation material in closed or subsequently closed cavities. The thermal insulation material may only be installed when dry and in structures in which it is protected from precipitation, weather and moisture. With regard to fire behavior, the thermal insulation material may be used as a normally flammable building material in accordance with the state building regulations.

Article	CALOR
Article no.	300131
General building approval / general type approval	Z-23.11-2140