

Product sheet.**Kanop.**



Kanop by IsoHemp is a bio-based thermo-acoustic loose-fill insulation made of hemp and lime. Ready to use, it is installed simply by pouring it in by hand, with no machine and no mixing.

It is mainly used as fill for intermediate floors and unconverted lofts, in new build as in renovation, to improve thermal and acoustic comfort between the levels of a building.

Complementary to the IsoHemp block.



Technical characteristics.

	VALUE	UNIT
Thermal conductivity λ_D	0,054	W/mK
Thermal conductivity λ_{U_i}	0,058	W/mK
Specific heat capacity	1335	J/(kg.K)
Installed bulk density	194	kg/m ³
Reaction to fire *	B1, s1, d0	
Water vapour resistance factor μ *	< 2	
Settling on installation	10	%
Settling after installation	non	

* Values currently being validated

Packaging.

	Pallet dimensions	Max pallet weight (kg)	Max weight (kg)	Number per pallet
Big Bag (1.000L)	120 x 100 x 115	221	201	1
Bag (60L)	120 x 80 x 210	413	11	33

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Composition.

Vegetable-based hemp aggregate and a mineral binder based on lime.

Fields of application.



	Thickness (mm)	R $\text{m}^2 \cdot \text{K} / \text{W}^{**}$	Thermal phase shift (h)	Acoustic R_w (C; Ctr) ***	Damping	Weight / m^2 (kg)*	Number of bags min / m^2
Estimated quantities for infill installation Intermediate floors and attics	140	2,6	10	56 (-3 ; -14) dB	10	24	2,2
	175	3,2	12	56 (-2 ; -12) dB	15	29	2,8
	200	3,6	13	56 (-2 ; -11) dB	22	33	3,2
	225	4	14	56 (-2 ; -10) dB	30	36	3,4
	240	4,3	15	56 (-2 ; -10) dB	37	38	3,6

* Joist volume deducted based on an assumed spacing of 40cm

** Ri and Re included

*** 50 – 5000 Hz

Storage.

Storage	Dry and protected from moisture
Conservation	6 mois

This technical data sheet is based on our current state of knowledge and practice.

Our products and processes are evolving, and so is this document: please make sure you have the latest version before use.

You can find our latest documentation at www.iso hemp.com



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