

Technical data sheet – ProKalk Lime

10-05-25

DEFINITION

ProKalk lime is a pre-formulated binder specially adapted for the manufacture of hempcrete. It is composed of hydraulic lime and aerated lime. It is a ready-to-use product for preparing mixtures directly on-site, in order to prevent any risk of incorrect dosage. It is used both for manual application in a mixer and in a dedicated hemp concrete spraying machine.

PREPARATORY WORK

Media shall be appropriate in accordance with the specifications and the IsoHemp instructions for use.

APPLICATION

A complete application guide is available giving all details of the application for the intended uses.

APPLICATIONS	BULK SPECIFIC	THEORETICAL THERMAL CONDUCTIVITY	MIX		
			ProKalk (kg)	Hemp (L)	Water (L)
Hempcrete wall	~ 300kg/m ³	0,07 W/m ² K	40	200	50
Filling	~ 200kg/m ³	0,06 W/m ² K	20	200	25

TECHNICAL CHARACTERISTICS	VALUE	UNIT
Bulk specific	700	kg/m ³
Usage time	30	min

COMPOSITION	VALUE	UNIT
Air Lime	46	%
Hydraulic Lime	54	%

CONSERVATION

Store on a flat surface, in a dry place and away from moisture.

Maximum duration: 9 months if the pallets are undercover and from the production date.

PACKAGING	VALUE	UNIT
Dimensions of a pallet	120 x 100 x 95	cm
Weight of a pallet	1000	kg
Number of bags per pallet	48	bags/pallet
Volume of a bag	20	kg

PRECAUTION FOR USE

During application the temperature must be between 5 and 30°C.

Free from rain – Free from frost.

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