

ALL JUTE QUALITIES AT A GLANCE



THERMO JUTE 100 PLUS

THERMO JUTE 100 PLUS is the consistently ecological new product in our jute assortment. Nature pure made from high-quality jute fibres and purely plant-based bi-component fibres.

Best summer heat protection!

European Technical
Approval: ETA-
14/0479



CE



THERMO JUTE 100

With **THERMO JUTE 100** the jute fibre shows what it is made of. Excellent regarding the conservation of resources. Impressive characteristics in building physics. And – like all the other THERMO NATUR insulation materials – free of pollutants and durable.

Best summer heat protection!

European Technical
Approval: ETA-
14/0479



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TECHNICAL DATA THERMO JUTE

	THERMO JUTE 100 PLUS	THERMO JUTE 100
European Technical Approval	ETA-14/0479	ETA-14/0479
Reference number	130701-045-01	130701-044-01
Components (full declaration for sustainable consumer information)	85-90% jute fibres 8-10% PLA based bi-component fibres 2-5% soda as fire proofing	85-90% jute fibres 8-10% PET based bi-component fibres 2-5% soda as fire proofing
Bulk Density EN 1602:2013	approx. 34-40 kg/m ³	approx. 34-40 kg/m ³
Metered Value of thermal conductivity $\lambda_{(10, \text{dry})}$ EN 12667-2001	0.355 W/(m·K)	0.356 W/(m·K)
Nominal thermal conductivity $\lambda_{D(23,50)}$ EAD 040005-00-1201	0.038 W/(m·K)	0.038 W/(m·K)
R Value thickness (mm)	0.79 1.05 1.35 1.58 2.11 2.63 3.16 3.68 4.21 4.74 5.26 5.79 30 40 50 60 80 100 120 140 160 180 200 220	
Specific thermal capacity c	2350 J/(kg·K)	2350 J/(kg·K)
Water vapour diffusion resistance coefficient μ EN 12086:2013 climate condition 23-50/93	1 to 2	1 to 2
Fire behaviour EN ISO 11925-2:2010	Euro class E (EN13501-1:2007)	Euro class E (EN13501-1:2007)
Resistance against mould fungus EAD, annex B	0 EN ISO 846 No growth of mould fungus ascertainable	0 EN ISO 846 No growth of mould fungus ascertainable
Disposal	Waste code (EAK) 170604 (Insulation material containing neither asbestos nor hazardous materials)	Waste code (EAK) 170604 (Insulation material containing neither asbestos nor hazardous materials)

This is an abridged version. The detailed technical data sheets can be found on www.thermo-natur.de/en

ALL HEMP QUALITIES AT A GLANCE



THERMO HEMP PREMIUM

The THERMO HEMP pioneer product has been demonstrating the strengths of hemp fibres for decades. You cannot go wrong when using **THERMO HEMP PREMIUM**.



European Technical
Approval: ETA-
05/0037



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THERMO HEMP COMBI JUTE

Optimal mixture of only the best. Containing approximately 45 % of hemp and jute fibres each, **THERMO HEMP COMBI JUTE** is an attractively priced solution for hemp fans.



European Technical
Approval: ETA-
05/0037



CE



TECHNICAL DATA THERMO HEMP

	THERMO HEMP PREMIUM	THERMO HEMP COMBI JUTE
European Technical Approval	ETA-05/0037	ETA-05/0037
Reference number	130701-040-01	130701-041-01
Components (full declaration for sustainable consumer information)	85-90% hemp fibres 8-10% PET based bi-component fibres 2-5% soda ash fire proofing	45% hemp fibres 45% jute fibres 8-10% PET based bi-component fibres 2-5% soda ash fire proofing
Bulk Density EN 1602:2013	approx. 35-40 kg/m ³	approx. 35-40 kg/m ³
Metered Value of thermal conductivity $\lambda_{(10, dry)}$ EN 12667-2001	0.0398 W/(m·K)	0.0378 W/(m·K)
Nominal thermal conductivity $\lambda_{D(23.50)}$ EAD 040005-00-1201	0.041 W/(m·K)	0.039 W/(m·K)
R Value thickness (mm)	0.75 1.00 1.25 1.50 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.5079 30 40 50 60 80 100 120 140 160 180 200 220	
Specific thermal capacity c	2300 J/(kg·K)	2300 J/(kg·K)
Water vapour diffusion resistance coefficient μ EN 12086:2013 climate condition 23-50/93	1 to 2	1 to 2
Fire behaviour EN ISO 11925-2:2010	Euro class E (EN13501-1:2007)	Euro class E (EN13501-1:2007)
Resistance against mould fungus EAD, annex B	0 nach EN ISO 846 No growth of mould fungus ascertainable	0 nach EN ISO 846 No growth of mould fungus ascertainable
Disposal	Waste code (EAK) 170604 (Insulation material containing neither asbestos nor hazardous materials)	Waste code (EAK) 170604 (Insulation material containing neither asbestos nor hazardous materials)

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Offered by



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