



Test Report

Report No.: 852815T

Assignor: COCOTEC /Jegathasan Ponniah
Nørregade 30
74 Herning

Subject: **2 thermal insulation products made of coco nut fibres.**
See details in Appendix 1

Sampling: The test material was forwarded by the client and received at the Danish Technological Institute on the date given in Appendix. At receipt, marking of the samples was checked

Method: EN 826:2013 Thermal insulation products for building applications – Determination of compression behaviour.

230×230 mm specimen size was used. Conditioning at 23°C / 50 % RH prior to testing.

Grinding of samples was not possible.
All samples were tested with surfaces as delivered.

Equipment Instron 5982 Universal Test Machine, 100 kN load cell
Instrument identification no 80578

Period: 31th January 2019

Result: The test results are given in :
Appendix 1: Test results

Storage: The test material will be destroyed after 1 month, unless otherwise agreed.

Terms: The accredited test was carried out according to DANAK's general conditions see www.danak.dk and according to the General Terms and Conditions regarding Commissioned Work Accepted by the Danish Technological Institute, which apply at the time of signing the agreement. The test is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

Date/place: 04-02-2019, Danish Technological Institute, Wood and Bio Materials, Taastrup

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Test results

Report no.: 852815T
Appendix: 1
Page: 1 of 1
Initials: Jlj/pfy

Determination of compression behaviour according to EN 826

Compressive stress at 10 % strain

Labelling code	none	none
Received at DTI	17-01-2019	17-01-2019
Sampling report information	"Light"	"Heavy"
Production unit	No informations	No informations
Product name	No informations	No informations
Additional marking	No informations	No informations
Nominal thickness	35 mm	40-45 mm
Width x length	600x600 mm	600x600 mm
Production date	No informations	No informations
Test results	σ_{10}	σ_{10}
	[kPa]	[kPa]
Specimen 1	210	384
Specimen 2	169	245
Specimen 3	200	269
Mean value	195	299
Orientation	Tested flatwise	Tested flatwise