



## SINTEF Building and Infrastructure

### Oslo

Forskningsveien 3b, 0373 Oslo  
P.O.Box 124 Blindern, 0314 Oslo  
Telephone: 22 96 55 55  
Telefax: 22 69 94 38

### Trondheim

Høgskoleringen 7b  
7465 Trondheim  
Telephone: 73 59 33 90  
Telefax: 73 59 33 80

E-mail: byggforsk@sintef.no  
Internet: www.sintef.no/byggforsk  
Enterprise No: NO 948 007 029 MVA

### Client

Hunton Fiber AS

### Client's address

P.O.Box 633  
NO-2810 GJØVIK

### Client's contact-person

Lars Harald Nilsen

Project/archive no. 3D113701	Date 2010-12-01	Rev. date	No. of pages 4	Appendixes	Classification Restricted	Author(s) Hans Boye Skogstad
Project leader Hans Boye Skogstad	Sign. 	Responsible manager Berit Time	Sign. 	Quality assurance Egil Rognvik	Sign. 	

## Assignment Report Thermal Resistance Thermal Conductivity



### Material testing Trondheim

The test results are valid  
exclusively for the tested  
objects.

### Summary

SINTEF Building and Infrastructure is commissioned by Hunton Fiber AS to measure thermal resistance on porous fibreboards of the type *Celit 3D*, *Celit 4D* and *Asfalt Vindtett*.

The products are collected in the same group for thermal conductivity. Thermal conductivity is declared in accordance with EN 13171 based on measurements performed on ten test specimens with different dates of production.

Middle value for the ten test results of thermal conductivity is 0.0457 W/mK.  
Declared value of thermal conductivity for the products is 0.048 W/mK.

Declared thermal resistance for *Celit 3D* with nominal thickness 18 mm is 0.35 m<sup>2</sup>K/W.  
Declared thermal resistance for *Celit 4D* with nominal thickness 22 mm is 0.45 m<sup>2</sup>K/W.  
Declared thermal resistance for *Asfalt Undertak* with nominal thickness 18 mm is 0.35 m<sup>2</sup>K/W.

Address of the building			Built (year)
	Method Laboratorieundersøkelse	Keywords Tak, Undertak, Varveisolasjon, Tre, Asfalt, Varmegjennomgang	Filename Report Hunton Fiber Thermal Resistance 3D113701

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