TEST REPORT

Heat Transfer Laboratory

Report number 2020.5560-1R1

Your ref	:
Our ref	: GRN. 6033/2012
Enquiries	: FM Mogoroshi
Tel	: (012) 428 6819
Page	: 1 of 1
Date	: 2012-08-02

Camfly PVC Ceilings
Xionglong Trading cc
Attention: Mr Charlie Gao
9th Avenue 12
Industria
KROONSTAD
9499

PVC CEILING BOARD

1. DESCRIPTION OF SAMPLE

Hard plastic ceiling board

2. TEST METHOD

Thermal conductivity tested according to ASTM C518 and T0178-WI-015

3. RESULTS

Average thickness as received, m	0.0098
Average thickness as tested, m	0.0098
Average conditioned weight, kg	0.29
Average mass after tested, kg	0.29
Density as tested, kg/m³	321.3
Mean hot temperature, °C	36
Mean cold temperature, °C	10
Mean temperature, °C	23
Mean difference temperature, °C	26
Average temperature gradient in specimen, °C/m	2349
Heat flux direction	Downwards
Thermal conductivity, W/m.K	0.0785
Thermal resistance, m².K/W	0.1249
Thermal conductance, W/m².K	8.0075

4. REMARKS

- Duration of test : 2012-07-26 to 2012-07-27
- Duration of measurement portion of test : 3 hrs
- Laboratory environmental conditions : 22 ± 5°C and 50 ± 10% RH
- Sample conditioning : The samples were conditioned for a period of at least 48 hrs at laboratory conditions before being tested.
- Date of calibration of Lasercomp instrument : 2012-10
- Position of the heat meter apparatus during testing : Horizontal
- The reported uncertainty of measurements of ± 10 % is based on a standard uncertainty multiplied by a coverage factor of k = 2, providing a level of confidence of approximately 95 %, the uncertainty of measurement have been estimated in accordance with the principles defined in
  - The GUM, Guide to Uncertainty of Measurement, ISO, Geneva, 1993
  - Assessment of Uncertainties of Measurement by RR Cook, 2nd Edition, 2002 - EAL-RZ
- This certificate supersedes certificate No. 2020.5560-1R dated 2012-07-31. The certificate is re-issued due to the change of the company name commissioned by the client.

FM Mogoroshi (SANAS Technical signatory)

H Hendriksz (Manager)