



SWORN TRANSLATOR
OF THE ENGLISH LANGUAGE
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CERTIFIED TRANSLATION FROM THE POLISH LANGUAGE

Description of the document submitted for this translation: one-page pdf file containing a scanned document, sent for this translation via e-mail. The notes from the translator have been incorporated in square brackets.

THE SILESIAN UNIVERSITY OF TECHNOLOGY

[logo]

FACULTY OF TRANSPORT AND AERONAUTICAL ENGINEERING

MOTOR VEHICLE DEPARTMENT

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Katowice, 10.06.2020.

TAX NUMBER NIP: 631-020-07-36 / BUSINESS ID NUMBER REGON: 00001637 / ING BANK ŚLĄSKI SA BRANCH GLIWICE
/ ACCOUNT NO.: 60 1050 1230 1000 0002 0211 3056

The Silesian University of Technology
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FCOM Sp. z o.o.
ul. 1 Dywizji Pancерnej 45
43-300 Bielsko-Biała

With reference to: Completion of FCOM Sp. z o.o. product trials.

Upon commission from FCOM Sp. z o.o., in accordance with the requirements of EN 12897:2006 (D), the Silesian University of Technology developed a method for determining the thermal conductivity coefficient for products under the trade name AT Termo. On the basis of comparative studies, the thermal conductivity coefficient was determined for PUR insulation:

1. λ 0.00153 W/(mK) - for a temperature of 20°C (on the basis of approximation by the equation
 $y = 0.00016571429 x - 0.0017714286$, $R = 0.98$,
 $\alpha = 0,03$, $\sigma = 0,00053$)
2. λ 0.0050 W/(mK) - for a temperature of 40°C;
3. λ 0.0063 W/(mK) - for a temperature of 50°C;
4. λ 0.0099 W/(mK) - for a temperature of 70°C;

The measurements were taken at the Materials Laboratory of the Faculty of Transport and Aeronautical Engineering of the Silesian University of Technology. The course and method of the study, together with the results, are included in the report of 10.06.2020.

The measurements were taken and the report drawn up by
[handwritten signature:] Andrzej Posmyk
prof. dr hab. Andrzej Posmyk

I, Ewa Koropaczyńska-Borowska, Sworn Translator of the English Language, by virtue of the entry no. TP/1540/05 in the Register of Sworn Translators maintained by the Minister of Justice, do hereby certify that the above is a true translation of the scanned document in the Polish language presented to me.

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Bielsko-Biała, 6th October 2022



Ewa Koropaczyńska-Borowska