



Request No. 01120/21/R111NZF

Type II Environmental Declaration No. 289/2021

Products:

termPIR AL R-eco, termPIR BT R-Eco, termPIR ETX R-eco insulation panels

according to PN-EN ISO 14021:2016

1. General:

1.1. Requesting party: Gór - Stal Sp. z o. o., ul. Przemysłowa 11, 38-300 Gorlice

1.2. Formal basis of the document:

The formal basis for this document was a request placed by Gór-Stal Sp. z o. o., having its registered office at ul. Przemysłowa 11 in Gorlice, dated 19/10/2021 and Contract No. 03125/21/Z00NZF entered into with the Building Research Institute for preparing a document entitled "Preparing 3 type II environmental declarations for termPIR R-eco products with respect to recycle, heavy metals and hazardous substances content."

This report sets out the conclusions from the verification of the accuracy of the Manufacturer's environmental claim about "a minimum 10% recycled raw material content" in respect of the following products: termPIR AL R-eco, termPIR BT R-eco, termPIR ETX R-eco insulation panels. The environmental claim was verified in accordance with the current standard PN-EN ISO 14021:2016 on the basis of an analysis of the documentation furnished.

1.3. Scope of the document

- Analysis of technical documentation submitted by the Requesting Party
- Development of "ITB-EKO friendly product" logo
- Preparing a Type II Environmental Declaration certificate

1.4. Materials used

- The raw material supplier's documentation stating recycle content in the raw material
- The manufacturer's technical documentation relating to the raw material input in the product
- PN-EN ISO 14021 Environmental labels and declarations. Environmental self-declarations (Type II environmental labelling).

2. Analysis of documentation

According to the documentation analysed, the products: termPIR AL R-eco, termPIR BT R-Eco, termPIR ETX R-eco insulation panels are manufactured using a raw material provided by a supplier declaring specific recycle content. Terephthalate-based aromatic polyester polyol is made using PET recycle. The final raw material contains ca. 50% PET recycle. Recycle content in the products covered by the declaration constitutes, in terms of composition by weight, 10% as a minimum (up to ca. 16%).

3. Summary

The use of recycle is a welcome development; nowadays more and more of products are being manufactured with recycled content, which reduces adverse impacts on the environment.

The analysis carried out confirms the truthfulness of the Manufacturer's self-declaration about "a minimum of 10% recycled raw material content" in the afore-mentioned products. Therefore ITB certifies that the one-parameter self-declared claim reading "recycle content of more than 10% in relation to the products mentioned" is consistent with the actual status and complies with the requirements of standard PN-EN ISO 14021:2016 Environmental labels and declarations - Self-declared environmental claims (Type II environmental labelling). Moreover, it is hereby certified that, in particular, the requirements relating to claim verification (item 6 of the standard) have been met.

The favourable results of the verification of the Manufacturer's self-declared claim and satisfaction of the requirements of standard PN-EN ISO 14021:2016 form the basis for ITB's awarding to the product the "EKO-ITB Friendly Product" logo, accompanied by a one-parameter environmental claim reading "recycled raw material content of 10% as a minimum" - Figure 1.



Fig. 1 "EKO-ITB Friendly Product" mark

Requesting party Gór-Stal Sp. z o. o. has got the right to include in its product offering and other materials (packaging, display boards, articles in the press, advertisements, websites) information about obtaining the "EKO-ITB Friendly Product" in relation to the products mentioned, containing recycled material content. The Requesting Party is required to notify ITB of any changes in the product manufacturing process that are likely to have an effect on the assessment provided as part of this report. If no such information is provided or false information is furnished, ITB will decide to revoke the certificate. Certificate No. 289/2021 may not be applied in respect of the Manufacturer's other products. "EKO-ITB Friendly Product" mark – Fig. 1 may not be used in respect of Gór-Stal's other products. This declaration is valid for three years and expires on 31 December 2024. ITB shall not be liable vis-a-vis third parties for awarding the certificate on the basis of untrue data and information obtained from the Gór-Stal Sp. z o. o. company.

Prepared by dr hab. inż. Michał Piasecki - Professor of ITB

Warsaw [Warszawa], 28 December 2021



Instytut Techniki Budowlanej

Badania naukowe | Prace rozwojowe | Akredytowany Zespół Laboratoriów |
Jednostka notyfikowana nr 1488 | Członek EOTA | Certyfikowane systemy zarządzania ISO 9001, ISO 27001

LICZBA STRON 3

STRONA 3

ZAKŁAD FIZYKI CIEPLNEJ, AKUSTYKI I ŚRODOWISKA
Pracownia Efektywności Energetycznej i Środowiskowej
02-656 Warszawa | ul. Ksawerów 21 | tel. 22 56 64 343 | fax 22 56 64 276 | energia@itb.pl



Instytut Techniki Budowlanej

00-611 Warsaw, Filtrów 1

Thermal Physics, Acoustics and Environment Department
02-656 Warsaw, Ksawerów 21

CERTIFICATE No 289/2021 of TYPE II ENVIRONMENTAL DECLARATION

Products:

termPIR AL R-eco, termPIR BT R-Eco, termPIR ETX R-Eco

Manufacturer:

Gór – Stal Sp. z o.o.

ul. Przemysłowa 11, 38-300 Gorlice



confirms the correctness of the data included in the development of
Type II Environmental Declaration:

termPIR AL R-eco, termPIR BT R-Eco, termPIR ETX R-Eco

minimum of 10% recycled content

in accordance with the requirements of the standard:

PN-EN ISO 14021:2016-06

Environmental labels and declarations - Self-declared environmental claims
(Type II environmental labelling)

This certificate, issued on 31st December 2021 is valid for 3 years
or until amendment of mentioned Environmental Declaration

Head of the Thermal Physic, Acoustics
and Environment Department

Agnieszka Winkler-Skalna
Agnieszka Winkler-Skalna, PhD



Deputy Director
for Research and Innovation

Krzysztof Kuczyński
Krzysztof Kuczyński, PhD

Warsaw, December 2021