



REACTION TO FIRE CLASSIFICATION REPORT IN ACCORDANCE WITH PN-EN 13501-1: 2004

№ NP-639/P/06/MŻ

of products: Floor covering made of PVC with marketing name:

"RONDO42 typ SPORT"

On behalf of

owner of classification report

Zakłady Tworzyw Sztucznych „GAMRAT” S.A.

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Contract №: NP-0872/P/2007/KP

1 Introduction

This classification report defines the classification assigned to the floor covering: "RONDO 42 typ SPORT", in accordance with the procedures given in PN-EN 13501-1:2004.

2 Details of classified product

2.1 General and end-use application

Floor covering: "RONDO 42 typ SPORT".

The classification given in this classification report is valid for the end-use application as a flooring. For this application the reference fire situation for fully developed fire in an adjacent room is applied, according to A.3.2 b) of PN-EN 13501-1:2004.

2.2 Product description

Floor covering made of PVC with marketing name: "RONDO 42 typ SPORT".

Thickness: 4,00 mm

3 Test reports/test results in support of classification

3.1 Test reports

| Name of laboratory | Name of sponsor | Test report no. | Test method |
|---------------------------------------|---|-----------------|------------------------|
| Laboratorium Badań Ogniwych ITB | <i>Zakłady Tworzyw Sztucznych „GAMRAT” S.A.</i> | LP-639/23-16/06 | PN-EN ISO 11925-2:2004 |
| Laboratorium Badań Ogniwych ITB | <i>Zakłady Tworzyw Sztucznych „GAMRAT” S.A.</i> | LP-639/3-10/06 | PN-EN ISO 9239-1:2004 |

3.2 Test results

| Test method | Parameter | Number of tests | Results | |
|--|---------------------------------------|-----------------|--------------------------------|----------------------------|
| | | | Continuous parameter –mean (m) | Compliance with parameters |
| 1 | 2 | 3 | 4 | 5 |
| PN-EN ISO 11925-2: 2004 exposure 15 s | $F_s \leq 150\text{mm}$ | 3 | (-) | Y |
| PN-EN ISO 9239-1:2004 | Critical flux (kW/m ²) | 3 | 10,8 | (-) |
| | Smoke production (% ·min.) | 3 | 58 | (-) |
| (-): not applicable, Y: yes N: no | | | | |

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 9.2 and 11.9.2 of PN-EN 13501-1:2004.

4.2 Classification

Floor covering made of PVC with marketing name: "RONDO 42 typ SPORT", in relation to its reaction to fire behaviour are classified:

B_{fl}

The additional classification in relation to smoke production is:

s1

The classification of floor coverings made of PVC with marketing names: "RONDO 42 typ SPORT", in relation to their reaction to fire behaviour for floorings is:

B_{fl} – s1.

4.3 Field of application

This classification corresponds with classification "hardly-ignitable" for floorings and is valid for the end-use applications in accordance with "Rozporządzenie Ministra Infrastruktury z dnia 12 kwietnia 2002 r. w sprawie warunków technicznych, jakim powinny odpowiadać budynki i ich usytuowanie." („Dz. U. Nr 75 z 15 czerwca 2002”).

This classification is valid for following parameters, characterising product:

- **"RONDO 42 typ SPORT"** – thickness $\leq 4,0$ mm,
- It can be fixed strictly, using the glue UZIN KE 2000 S or other dispersive glue, to the elements, with fire classifications at least A2, or to wooden or woodbased supporting decks.

5 Limitations

This classification is valid 3 years (until 2009-03-09), if the composition and structure of the products are not changed.

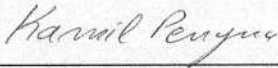

This classification may be used or reproduced only by sponsor/owner in its entirety.

Witnessed copy of this classification may be issued by the Building Research Institute Fire Research Department under request of the sponsor only.


This classification document does not represent type approval or certification of the product..

6 STATEMENT

In case of doubt the polish language version (NP.- 639/P/06/MŻ) is the only basis for interpretation.

| Classification | Name | Signature | Date |
|----------------|-------------------|--|------------|
| Prepared by | Kamil Perzyna |  | 29.06.2007 |
| Reviewed by | Andrzej Kolbrecki |  | 18.07.2007 |

Head of Fire Research Department


Prof. Mirosław Kosiorek