



PAVUS[®]
FIRE TESTING INSTITUTE

PAVUS, a.s.

AUTORIZOVANÁ OSOBA AO 216
OZNÁMENÝ SUBJEKT 1391
CERTIFIKAČNÍ ORGÁN PRO CERTIFIKACI VÝROBKŮ č. 3041



se sídlem:
Prosecká 412/74, 190 00 Praha 9 – Prosek
Tel.: 286 019 587, E-mail: mail@pavus.cz
http://www.pavus.cz

pobočka:
Požární zkušebna Veselí nad Lužnicí
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí
Tel.: 381 477 418, E-mail: veseli@pavus.cz

CLASSIFICATION REPORT FOR ROOFS EXPOSED TO EXTERNAL FIRE

Subject of classification: *Roofs and roof coverings
in accordance with EN 13501-5:2016, cl.8.4 and 9*

Report No.:

PK5-03-26-001-E-0

Product name:

Roof with NOVERA Reflex System

Sponsor:

NOVERA Technologies s.r.o
Václavské náměstí 772/2
Nové Město, 110 00 Praha 1
Czech Republic

Prepared by:

PAVUS, a.s.
Accredited certification body for product certification No. 3041
– accreditation issued by Czech Accreditation Institute, p. s. c.,
– Certificate of Accreditation No. 16/2024

Prosecká 412/74
190 00 PRAGUE 9
Czech Republic

Order No. Z210260004

Date of issue:

2026-03-20

Copies in total:

2

Copy number:

1

Pages in total:

3

1 INTRODUCTION

- 1.1 This classification report defines the classification assigned to roof with NOVERA Reflex System in accordance with the procedures given in ČSN EN 13501-5:2017.
- 1.2 This classification report consists of 3 pages and may only be used or reproduced in its entirety.

2 DESCRIPTION OF THE ROOF

The roof with NOVERA Reflex System comprises:

- **NOVERA Reflex top thermo-reflective colour**, 2 layers applied, total thickness 1.0 mm, singlecomponent colour
- **NOVERA HYDRO waterproofing compound**, 2 layers applied, total thickness 1.6 mm, twocomponent compound
- **mineral wool**, thickness 60 mm, volume weight 120 kg/m³, fixed to the substrate with polyurethane adhesive
- **standard particleboard substrate**, thickness 16 mm, bulk density 680kg/m³

3 REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

3.1 Reports

Name of laboratory Address Accreditation number	Name of sponsor	Report ref. No. Date of issue	Test method and date / field of application rules and date
PAVUS, a.s. Veselí nad Lužnicí ATL No. 1026	NOVERA Technologies s.r.o Václavské náměstí 772/2 Nové Město, 110 00 Praha 1 Czech Republic	Pr-25-2.036 En 2026-03-20	ČSN P CEN/TS 1187:2012 – Test 3

3.2 Test results

Test conditions:

Test pitch: 5°

Supporting deck: wood particle board deck with gaps of (5.0 ± 0.5) mm between planks.

Parameter	Criteria			Test results		Compliance		
	Class B _{ROOF} (t3)	Class C _{ROOF} (t3)	Class D _{ROOF} (t3)	Specimen 1	Specimen 2	Class B _{ROOF} (t3)	Class C _{ROOF} (t3)	Class D _{ROOF} (t3)
External fire spread time T_E	≥ 30 min	≥ 10 min		30 min	30 min	yes	-	-
Time to fire penetration T_P	≥ 30 min	≥ 15 min	> 5 min	-	-	yes	-	-

4 CLASSIFICATION AND FIELD OF APPLICATION

4.1 Reference

This classification has been carried out in accordance with EN 13501-5.

4.2 Classification

The roof „ with NOVERA Reflex System” in relation to its external fire performance is classified:

B_{ROOF}(t3)

4.3 Field of application

This classification is valid for the following conditions:

Range of pitches: < 10°

Range of decks:

- any wooden continuous deck with a minimum thickness of 12 mm;
- any deck made from wooden planks with plain edges;
- any non-combustible deck with gaps not exceeding 5 mm.

5 LIMITATION

This classification is valid unless the conditions, under which it was issued, have been changed (i.e., until the materials used, the composition or design of the product or the technical regulations relating to the product change).

The sponsor may request the issuing authority to review the influence of changes on the classification validity.

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

Elaborated by:



Roman DEDEK
Fire Testing Laboratory

Reviewed by:



Jaroslav KOPEČNÝ

Approved by:



Ing. Jan TRIPES, MBA

