



Akrediteeritud
L020

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CLASSIFICATION OF REACTION TO FIRE in accordance with EVS-EN 13501-1:2007

SPONSOR: Purfin Oy

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MANUFACTURER: Purfin Oy

ADDRESS : Kiperhaantie 8, FI-21250 Masku, Finland

PREPARED BY: TÜV EESTI OÜ

NOTIFIED BODY No: 1526

PRODUCT NAME : PU-insulation Ekospray 40E

CLASSIFICATION REPORT : TEK- 50/11en

ISSUE NUMBER :

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This classification report consists of four (3) pages.

1. Introduction.

This classification report in accordance with the procedures given in EVS-EN 13501-1:2007 defines the reaction to fire classification assigned to the polyurethane layer by Purfin Oy.

2. Classified product.

2.1 General

Product is defined as a PU-insulation Ekospray 40E.

2.2 Description

The product was sprayed in layers 25-40 mm to veneer board. Overall layer varied from 65 to 160 mm. The excessive material was cut off from unexposed side of the specimens to achieve thickness 50 mm.

3. Test reports / extended application reports and test results in support of the classification.

3.1. Test reports and extended application reports

Test Laboratory	Name of sponsor	Test report and date	Test method
TÜV Eesti OÜ	Purfin Oy	No. 060-11TM of 21.09.2011	EN ISO 11925-2:2010 surface exposure
TÜV Eesti OÜ	Purfin Oy	No. 070-11TM of 01.11.2011	EN ISO 11925-2:2010 edge exposure

3.2. Test results

Test method	Parameter	No. tests	Results	
			Continuous parameter	Compliance
EN ISO 11925-2:2010	Flame spread in excess of 150 mm vertically (applied to edge and surface)	12	No	Compliant

4. Classification and field of application

4.1 Reference on classification.

This classification has been carried out in accordance with EVS-EN 13501-1:2007/A1:2009

4.2 Classification.

PU- insulation layer Ekospray 40E is classified to class E

Fire behaviour	Smoke production			Flaming droplets	
E	-	-	-	-	-



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Reaction to fire classification: E

4.3 Field of direct application.

This classification is valid for the following end use applications:

Ekospray 40E PU-insulation layer can be applied to vertical and horizontal combustible and noncombustible surfaces. Polyurethane layer maximum thickness 160 mm.

5. Limitations

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

On behalf and by authority of TÜV Eesti OÜ.

Prepared by Fred Haas

Head of the laboratory

Approved by Peter-Lorenz Schmidt

Director of TÜV Eesti OÜ