



Centrum stavebního inženýrství a.s.

Fire Technical Laboratory

AUTHORIZED
BODY No. 212

NOTIFIED
BODY No. 1390

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH ČSN EN 13501-1+A1:2010

Applicant: Technický a zkušební ústav
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Product name: *BELTEP ROOF B60*

**Classification
report No.:** PK-13-013

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1. DETAILS OF CLASSIFIED PRODUCT

Nature and end use application:

Classification of the product *BELTEP ROOF B60* is valid for the following end use application:

Thermal insulation product.

Description:

The product *BELTEP ROOF B60* is fully described in the test reports in support of the classification listed in clause 2.

2. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

Test reports

Name of laboratory	Name of sponsor	Test report ref. no.	Test method
CSI a.s. Fire Technical Laboratory	TZÚS Praha, s.p.	16411-1/2	ČSN EN ISO 1716
		16411-2/2	ČSN EN ISO 1182

Measured values and test results

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
ČSN EN ISO 1716	PCS (MJ/kg)	3	0,15	≤ 2 (A1)
ČSN EN ISO 1182	ΔT (°C)	5	12,8	≤ 30 (A1)
	Δm (%)	5	1,8	≤ 50 (A1)
	t_f (s)	5	0	= 0 (A1)

3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

Reference and direct field of application

This classification has been carried out in accordance with the clauses 11.8.1 of ČSN EN 13501-1+A1:2010.

Classification

The product *BELTEP ROOF B60* in relation to its reaction to fire behaviour is classified:

A1

The additional classification in relation to smoke production is:

not classified

The additional classification in relation to flaming droplets/particles is:

not classified

The format of the reaction to fire classification for *BELTEP ROOF B60* is:

Fire behaviour		Smoke production			Flaming droplets	
A1	-	s	not classified	,	d	not classified

Reaction to fire classification: A1

Field of application

This classification is valid for the following product parameters:

- density $\leq 180 \text{ kg/m}^3$
- thickness: without limitation

4. LIMITATIONS

Restrictions

This classification report is valid until 28th February 2018, provided that the technical specifications of the product will not be changed.

Warning

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

Prepared:



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Jiří Socha



Reviewed:



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Vít Slaboch
head of laboratory