



Akrediteeritud  
L020

TÜV EESTI OÜ

Vana-Narva mnt. 24B, Maardu, Estonia  
tel +372 60 75 918 ; fax +372 63 79 601  
e-mail: [info@tuev-nord.ee](mailto:info@tuev-nord.ee)

Testing Laboratory:  
*Katselabor*

Vana-Narva mnt. 24B, Maardu, Estonia  
tel +372 63 79 306; faks +372 63 79 601  
e-mail: [test@tuev-nord.ee](mailto:test@tuev-nord.ee)



Page 1 of 6

## CLASSIFICATION OF FIRE RESISTANCE in accordance with EVS-EN 13501-2:2007 + A1:2009

SPONSOR: LTD „WWL Houses“, Jelgavas str 27, Kalnciems, LV-3016 Latvia  
Riga Technical University, Kalku str 1, Riga LV-1658, Latvia  
LTD “Trinity Capital”, Balta str 3/9, Riga LV-1055, Latvia

MANUFACTURER: LTD “WWL Houses”

ADDRESS : Jelgavas street 27, Kalnciems, Jelgavas region, Latvia, LV-3016

PREPARED BY: TÜV EESTI OÜ

NOTIFIED BODY No: 1526

PRODUCT NAME : Timber door in timberframe wall 248,5 mm, EI45

CLASSIFICATION REPORT : Draft

ISSUE NUMBER : .....

DATE OF ISSUE : 15.05.2013



Accreditation  
L020

TÜV EESTI OÜ  
Vana-Narva mnt. 24B, Maardu, Estonia  
tel +372 60 75 918 ; fax +372 63 79 601  
e-mail: [info@tuev-nord.ee](mailto:info@tuev-nord.ee)

Testing Laboratory:  
*Katselabor*  
Vana-Narva mnt. 24B, Maardu, Estonia  
tel +372 63 79 306; faks +372 63 79 601  
e-mail: [test@tuev-nord.ee](mailto:test@tuev-nord.ee)



## 1. Introduction.

This classification report defines the resistance to fire classification assigned to element Timber Door with glazing in accordance with the procedures given in EVS-EN 13501-2:2007+A1:2009.

## 2. Classified product.

### 2.1 General

The element Timber Door with glazing is defined as double rebated timber framed balcony door with glazing.

### 2.2 Description

The element Timber Door with glazing is fully described in test report listed in clause 3.1.

Door frame dimensions: Width 980 mm, height 2026 mm, thickness 92 mm.

Door leaf dimensions: Width 900 mm, height 1930 mm, thickness 92 mm.

Glazing dimensions: Width 766 mm, height 1737 mm, thickness 23 mm.

Glazing type: Fireswiss Foam 60-23 EI60, manufacturer Glas Trösch AG

Leaf fixings: Hinges 2 pieces, lock mechanism Uni-Jet with 6 locking points.



Accreditation  
L020

TÜV EESTI OÜ  
Vana-Narva mnt. 24B, Maardu, Estonia  
tel +372 60 75 918 ; fax +372 63 79 601  
e-mail: [info@tuev-nord.ee](mailto:info@tuev-nord.ee)

Testing Laboratory:  
*Katselabor*  
Vana-Narva mnt. 24B, Maardu, Estonia  
tel +372 63 79 306; faks +372 63 79 601  
e-mail: [test@tuev-nord.ee](mailto:test@tuev-nord.ee)



### 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	WWL Houses	No. 325-11TPS of 23.01.2012	EN 1634-1:2008 EN 1363-1:1999

#### 3.2. Test results

Test method number, date	Parameter	Results
EN 1364-1:2008	Supporting construction	Timber frame wall with thickness 248 mm
	Door	Opening away from fire
	<b>Integrity (E)</b>	
	Cotton pad	no ignition
	Gap gauges (cracks or openings in excess of given dimensions)	no failure
	Sustained flaming <sup>1)</sup>	Flaming in test time 47 minutes
	<b>Thermal insulation (I)</b>	
	mean temperature rise on the unexposed face of the wall element over 140° C above the initial mean temperature	no failure
	maximum temperature rise on the unexposed side of the wall element over 180° C above the initial mean temperature	no failure
	<b>Radiation (W)</b>	
	An element which satisfies the thermal insulation criterion is also deemed to satisfy the W requirement for the same period	According to thermal insulation criterion

Test was stopped at **61** minutes.

<sup>1)</sup> Sustained flaming during the 10 seconds or longer.

## 4. Classification and field of application

### 4.1 Reference on classification.

This classification has been carried out in accordance with clause 7 of EVS-EN 13501-2:2007+A1:2009

### 4.2 Classification.

The element Timber Door with glazing is classified according to the following combination of performance parameters and classes as appropriate.

R	E	I	W		t	t		M	S	C	IncSlow	sn	ef	r
---	-	-	-	--	-	-	--	---	---	-	---	---	<b>45</b>	---

**Fire resistance classifications:  
EI45-ef**

### 4.3 Field of direct application.

This classification is valid for the following end use applications:

WWL Houses element Timber Door with glazing (product in scope of EN 1634-1:2008) can be used as a separating element of 45 minutes fire resistance in timber frame wall that has a greater fire resistance. Element has fire resistance ability from external side according to external fire exposure conditions.

## 5. Limitations

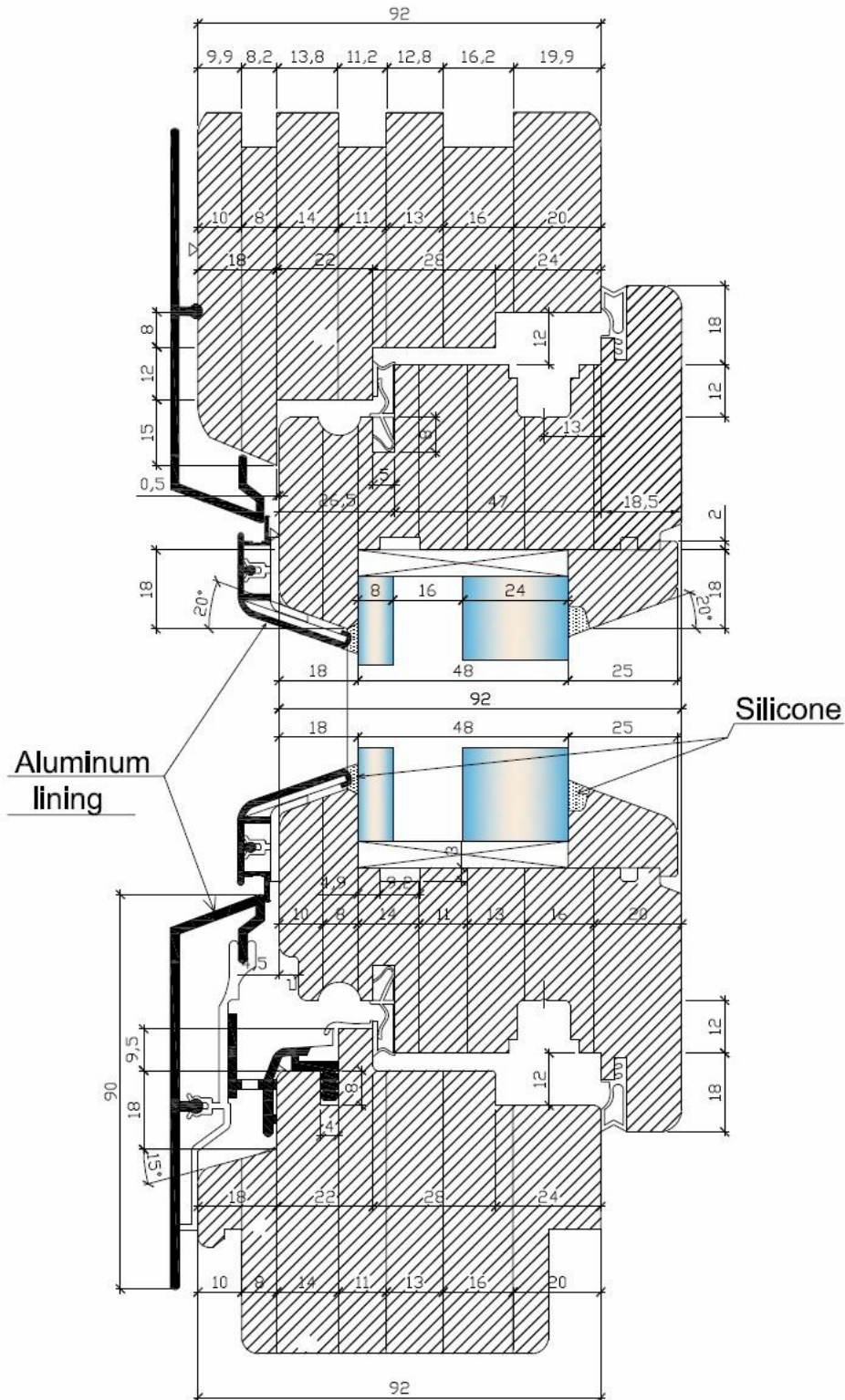
This classification report does not represent type approval or certification of the product.

On behalf and by authority of TÜV Eesti OÜ.

Approved by F. Haas

Appendix 1 2 pages, drawings 1 and 2.

Drawing 1





Accreditation  
L020

TÜV EESTI OÜ  
Vana-Narva mnt. 24B, Maardu, Estonia  
tel +372 60 75 918 ; fax +372 63 79 601  
e-mail: [info@tuev-nord.ee](mailto:info@tuev-nord.ee)

Testing Laboratory:  
*Katselabor*  
Vana-Narva mnt. 24B, Maardu, Estonia  
tel +372 63 79 306; faks +372 63 79 601  
e-mail: [test@tuev-nord.ee](mailto:test@tuev-nord.ee)



Drawing 2

