

**TEST REPORT**  
**HRN EN 14342:2013 (EN 14342:2013)**

No.: 115-1338-19-2018

Date: 29.05.2018.

Testing location:

**Euroinspekt - drvokontrola d.o.o.**

Laboratory for testing forestry, wood industry and construction products

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**GENERAL INFORMATION:**

Applicant:	<b>TARA d.o.o.</b>	<b>Desimirovac</b>	<b>Serbia - 34321 Kragujevac</b>
Product name / type:	<b>Mosaic floor oak - oiled 15 mm</b>	<b>Mosaic parquet elements</b>	
Manufacturer:	<b>TARA d.o.o.</b>	Product origin:	<b>Serbia</b>

**TEST RESULT:**

**HRN EN 14342:2013 - Wood flooring and parquet -- Characteristics, evaluation of conformity and marking - Paragraph 4.7 - Thermal resistance**

**0,08 m<sup>2</sup>K/W**

Report appliance: This document refers only to the tested sample by mentioned applicant and manufacturer of final product and it is not transferable to other legal or private persons.

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**1. Requirements according to standards**

Determination of thermal resistance of wood flooring according to:

HRN EN 14342:2013 - Wood flooring and parquet -- Characteristics, evaluation of conformity and marking - Paragraph 4.7 - Thermal resistance

**2. Laboratory test results:**

Laboratory product marking: 000108-000-17

Date of admittance of the sample: 25.09.2017.

Admittance and testing according to Test Warrant no.: 1482/17

Product sampling performed according to Sampling Protocol no.: 035-GS/17

**3. Description of the sample:**

Mosaic parquet elements produced from oak wood for top layer and linden veneer panel base layer, surface oiled.

Photo of the sample:



**Determination of thermal resistance according to record 000108-000-17**

Following the requirement for determination of thermal resistance of wood floor covering, it is determined:

**4. Basic product information:**

Wood flooring type:	Mosaic parquet elements
Finishing:	Oiled
Purpose:	Laying on a flat dry base
Binding with the base:	Gluing
Thickness mm:	15
Wood species:	Oak
Botanical name:	Quercus robur / Quercus petraea
Standard marking:	QCXE
Wood moisture %:	-

**5. Thermal resistance calculation R [m<sup>2</sup>K/W]**

Using basic product standard HRN EN 14342:2013, paragraph 4.7, it is determined that for parquet elements thermal resistance is classified with reference to the following:

$$R = t / \lambda$$

R	thermal resistance
t	thickness of the parquet element
$\lambda$	thermal conductivity

By macro analysis the species oak, linden is determined.

Density of linden wood according to HRN EN 350:2016, 520-540-560 and oak wood is 670-710-760 kg/m<sup>3</sup>;

Tabular value for thermal conductivity from HRN EN 14342:2013, paragraph 4.7 for mentioned density is:

0,15 W/m,K      0,17 W/m,K

**6. Calculated thermal resistance is: 0,08 m<sup>2</sup>K/W**

**END OF REPORT**



General Manager, CEO:

Mr.sc. Mladen Komac, dipl. ing.