

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

No.: 115-1338-03-2018

Date: 29.05.2018.

Testing location:

Euroinspekt - drvokontrola d.o.o.

Laboratory for testing forestry, wood industry and construction products

Svačićeva bb

HR-35000 Slavonski Brod

tel/fax: ++385 35 446-407

GENERAL INFORMATION:

Applicant:	TARA d.o.o.	Desimirovac	Serbia - 34321 Kragujevac
Product name / type:	Solid wood parquet - oak	Solid parquet elements with grooves and/or tongues	
Manufacturer:	TARA d.o.o.	Product origin:	Serbia

TEST RESULT:

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

0,12 m²K/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: 000092-000-17

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:

Parquet elements produced from oak, shaped according to HRN EN 13226:2010, oiled surfaces.

Photo of the sample:



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

4. Basic product information:

Wood flooring type:	Solid parquet elements with grooves and/or tongues
Finishing:	Oiled
Purpose:	Laying on a flat dry base
Binding with the base:	Gluing
Thickness mm:	20,00
Wood species:	Oak
Botanical name:	Quercus robur / Quercus petraea
Standard marking:	QCXE
Wood moisture %:	-

5. Thermal resistance calculation R [m²K/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
λ	thermal conductivity

By macro analysis the species oak is determined.

Density of oak wood according to HRN EN 350:2016, is 670-710-760 kg/m³.

Tabular value for thermal conductivity from HRN EN 14342:2013, paragraph 4.7 for mentioned density is:
0,17 W/m,K

6. Calculated thermal resistance is: 0,12 m²K/W

END OF REPORT



General Manager, CEO:

Mr.sc. Mladen Komac, dipl. ing.