



Ege Carpets A/S
Industrivej Nord 25
7400 Herning
Denmark

Your Reference
Customer Number 40201
Contact Person Weissenborn Lene
E-Mail lbn@ege.dk

Vienna / 06.08.2020 / atad

Test Report VN720 170842.1

Application

Determination of the water vapour transmission properties according to EN 12086.

Test Material

"Epoca Rustic ECT350"

The test material used for testing was made anonymous for laboratory purposes.
A detailed sample list is included in the document.

Issuing

Original Issuing, 06.08.2020
Number Of Included Pages: 4

OETI - Institute for Ecology, Technology and Innovation GmbH

A handwritten signature in blue ink, appearing to read "Vitte".

Ing. Hannes Vittek

Manager Flooring Technology & Interior Design



ÖTI - Institut für Ökologie, Technik und Innovation GmbH | Spengergasse 20, 1050 Vienna, Austria
tel +43 1 5442543-0 | e-mail office@oeti.biz | www.oeti.biz | FN 326826b | VAT No. ATU65149029 | EORI ATEOS1000015903
UniCredit Bank Austria AG | IBAN AT941200023410378800 | BIC BKAUATWW
Raiffeisenlandesbank Niederösterreich-Wien AG | IBAN AT723200000013108725 | BIC RLNWATWW
Es gelten ausschließlich unsere Allgemeinen Geschäftsbedingungen | Only our general terms and conditions apply

Member of TESTEX Group



1 Application

Date of Order	Scope of Order
24.06.2020	Description Of Specimen - Textile Floor Coverings - EN 1307 Determination Of water vapour transmission properties - EN 12086

2 Samples

No.	Receipt	Sample Identification
1	29.06.2020	"Epoca Rustic ECT350"

(Unless otherwise stated samples are provided by the customer.)

3 Tests Performed / Results

3.1 Description of Specimen

Tested sample: "Epoca Rustic ECT350"

Manufacturing procedure:	woven
Material of pile/wear layer:	100% Polyamide (according to the specification by the applicant)
Structure of use surface:	flat woven, structured
Colouring:	multicolored unpatterned
Secondary backing:	textile backing (nonwoven)
Dimensions:	tiles
Type of floor covering:	Textile floor covering without pile according to EN 1307

3.2 Determination of the water vapour transmission properties

Test conditions

According to: EN 12086

Conditioning: Set 23°C / 50 / 93 % relative air humidity

Specimen: 4 pieces with 50 cm² permeation area

Test location: OFI 20013933 / 11517

Tested sample: "Epoca Rustic ECT350"

	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Mean value	Standard deviation
Thickness of individual specimen [mm]	4.3	4.2	4.3	4.2	--	--
Water vapor permeability [g/m ² .d]	47.4	44.1	40.3	37.3	42.3	4.4
Water vapour diffusion flow [kg/h]	9.88 x 10 ⁻⁶	9.18 x 10 ⁻⁶	8.39 x 10 ⁻⁶	7.77 x 10 ⁻⁶	8.81 x 10⁻⁶	--
Water vapour diffusion permeability coefficient [kg/m ² .h.Pa]	1.64 x 10 ⁻⁶	1.52 x 10 ⁻⁶	1.39 x 10 ⁻⁶	1.29 x 10 ⁻⁶	1.46 x 10⁻⁶	--
Water vapour conduct permeability coefficient [kg/m.h.Pa]	7.02 x 10 ⁻⁹	6.46 x 10 ⁻⁹	5.94 x 10 ⁻⁹	5.38 x 10 ⁻⁹	6.20 x 10⁻⁹	--
Water vapour diffusion resistance factor [μ-value]	96	104	114	126	110	13.0
Water vapor diffusion equivalent air layer thickness [m]	0.4	0.4	0.5	0.5	0.5	--

4 Remarks

Period of Validity

There are no regulations concerning duration of validity in the individual test standards. As the results of the examinations refer only to the submitted and examined samples, the report is valid for these for an unlimited period. A period of validity specified as part of an expert evaluation is in the discretion of the consultant or OETI. The applicability of results and expert evaluations for materials not tested is in the responsibility of the applicant. Whereby an apportionment of results as well as any specified period of validity can only be done for identically constructed products and only as long as the product is produced unchanged. Possible national or international restrictions concerning the terms of usability of test and classification reports have to be considered; this is not the responsibility of the test laboratory.

Sample Material

Results of performed tests only refer to the sample material provided. Without explicit written other agreement testing is destructive and the sample material is transferred to the property of OETI, which is entitled to freely decide on storage and disposal.

Issuing

The valid first issue is done in paper and has single-handed signatures. Translations will be marked accordingly on the cover sheet.

Quality Management, Accreditation And Notification

All tests and services are performed under a quality management system according to EN ISO/IEC 17025 respectively EN ISO/IEC 17065. OETI is accredited as Testing Laboratory and Certification Body for products. It also is a Notified Body (NB0534). (see <http://ec.europa.eu/enterprise/newapproach/nando/>). Accreditation was provided by Akkreditierung Austria. The scope of accreditation is listed on www.oeti.biz. Due to the system for the mutual recognition of national accreditations (ILAC/IAF), this accreditation is valid worldwide.

In this report individual non-accredited test procedures are marked with *. Nevertheless, the analysis was also carried out for these parameters at the same level of quality as for the accredited parameters.

According to the decree on the use of the accreditation mark ("AkkZV") the accredited Conformity Assessment Body is the only one to use the accreditation mark. Application of the registration number of the Notified Body: As to personal protective equipment (PPE) the requirements of Regulation (EU) 2016/425 have to be kept. With construction products the application is only permitted within the declaration of performance for CE-marking.

Copyright And Usage Notes

It is pointed out, that any alterations, amendments or falsifications of reports not authorized by the issuer of the report will be prosecuted as civil and criminal offences; this especially to the appropriate requirements of ABGB, UrhG, UWG and criminal law and their respective international equivalents. Reports are protected under international copyright laws. Written consent of the OETI GmbH is required for publications (also in excerpt) and reference to tests for public relation purposes. Reports may only be reproduced in full length.

End of Report