



ENGLISCH DEKOR HandelsGmbH & CoKG
Scheydgasse 29
1210 Wien
Austria

Your Reference
Customer Number 40188
Contact Person Fleischmann Erich
E-Mail erich.fleischmann@englisch.at

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Test Report VN735 161138.4

Application

Determination of colour fastness to chlorinated water according to EN ISO 105 E03.

Test Material

"aquatex uni II"

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

Issuing

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Translation

OETI - Institute for Ecology, Technology and Innovation GmbH

Ing. Hannes Vittek

Manager Flooring Technology & Interior Design



1 Application

Date of Order	Scope of Order
21.11.2019	Description Of Specimen - Textile Fabrics - DIN 60000 Colour Fastness To Chlorinated Water - EN ISO 105-E03

2 Samples

No.	Receipt	Sample Identification
1	25.11.2019	"A3404" - Green
2	25.11.2019	"A3401" - Blue
3	25.11.2019	"A3399" - Grey
4	25.11.2019	"A3370" - Red
5	25.11.2019	"A3368" - Yellow

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

3 Tests Performed / Results

#1 till #5	
Description Of Specimen - Textile Fabrics DIN 60000 * • Type of fibre (declaration by the applicant) • Technological description	72% Polyester FR, 28% Polyurethane woven fabric, coated on back side

	#1 "A3404"	#2 "A3401"	#3 "A3399"	#4 "A3370"	#5 "A3368"
Colour Fastness To Chlorinated Water EN ISO 105-E03 * • Concentration of active chlorine [mg/l] • Change in colour [grade]	20.0 4	20.0 4	20.0 4-5	20.0 4-5	20.0 4-5

Comment on assessment of colour fastness

The assessment of change of colour is based on the extent of the visible contrast between treated and untreated specimen. This difference in coloration will be visually compared with the contrasts defined by the five pairs of neutral grey colour on the grey scale „Change in colour“ according to ISO 105-A02. Each step of the grey scale corresponds to a fastness-rating, starting with numerical rating 5 (no contrast) up to numerical rating 1 (maximum contrast).

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.

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End of Report