



Report VN735 131049.1

Test Report

Applicant

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Reference

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Application

Determination of resistance to water penetration according to EN 20811 with water and with an urine substitute.

Test material

„rhino + rhino II + rhino III“

Material used in testing was anonymized for laboratory purposes. A detailed sample list is contained in the report.

Issuing and Signatures

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Authorised for Institute
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Contents

1	Order	2
1.1	Chronology	2
1.2	Samples	2
1.3	Information by the applicant	2
2	Findings / Tests performed	3
2.1	Description of the specimen	3
2.2	Determination of resistance to water penetration – Hydrostatic pressure test	3
2.3	Determination of resistance to water penetration – Hydrostatic pressure test	4
3	Remarks	5

1 Order

1.1 Chronology

Date	Received	Order
18.11.2009	19.11.2009	Determination of resistance to water penetration according to EN 20811 with water and with an urine substitute.

1.2 Samples

No.	Received	Sample Identification	Sample Material
1	2009-11-19	"Rhino Artikel M1164-M1181, Farbnr. M1632/140, beige"	Furniture fabric, approx. 140 cm x 100 cm
2	2009-11-19	"Rhino Artikel M1632-M1654, Farbnr. M1637, braun"	Furniture fabric, approx. 140 cm x 100 cm

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

1.3 Information by the applicant

According to the applicant, the articles "rhino", "rhino II" and "rhino III" are articles with the same construction and structure only in different colors.

2 Findings / Tests performed

2.1 Description of the specimen

Description of the specimen according to DIN 60 000

Test results

Tested sample: 1

Type of fibre according to DIN 60 001 part 1 and DIN ISO 2076	88 % Polyvinylchloride 8 % Polyestere 4 % Cotton (declaration by the applicant)
Technological description	coated textile

Tested sample: 2

Type of fibre according to DIN 60 001 part 1 and DIN ISO 2076	88 % Polyvinylchloride 8 % Polyestere 4 % Cotton (declaration by the applicant)
Technological description	coated textile

2.2 Determination of resistance to water penetration – Hydrostatic pressure test

Test conditions

Standard: EN 20 811

Testing atmosphere: 20 °C/65 % relative humidity

Rate of pressure increase: 60 cm H₂O/min

Water temperature: 20 °C

Tested side of specimen: coated textile

Pre-treatment: none

Test results

Tested sample: 1

Water pressure at penetration [cm H ₂ O]					
Test 1	Test 2	Test 3	Test 4	Test 5	Mean value
> 200	> 200	> 200	> 200	> 200	> 200

Tested sample: 2

Water pressure at penetration [cm H ₂ O]					
Test 1	Test 2	Test 3	Test 4	Test 5	Mean value
> 200	> 200	> 200	> 200	> 200	> 200

2.3 Determination of resistance to water penetration – Hydrostatic pressure test

Test conditions

Standard: EN 20 811

Testing atmosphere: 20 °C/65 % relative humidity

Rate of pressure increase: 60 cm H₂O/min

Water temperature: 20 °C

Tested side of specimen: coated textile

Pre-treatment: none

Testing fluid: Urine substitute according to ÖTN094 (deionised Water with 0,9% chem. sodium chloride solution)

Deviation from standard: Urine substitute was used for testing.

Test results

Tested sample: 1

Water pressure at penetration [cm H ₂ O]					
Test 1	Test 2	Test 3	Test 4	Test 5	Mean value
> 200	> 200	> 200	> 200	> 200	> 200

Tested sample: 2

Water pressure at penetration [cm H ₂ O]					
Test 1	Test 2	Test 3	Test 4	Test 5	Mean value
> 200	> 200	> 200	> 200	> 200	> 200

3 Remarks

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 the ÖTI.

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 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 ÖTI, which is entitled to freely decide on storage and disposal.

Issuance

The valid first issue is done in paper and has single-handed signatures. For reference purposes and filing an unsigned electronic duplicate can be delivered in pdf format. Duplicates and translations will be marked accordingly on the cover sheet.

Quality management, Accreditation and Notification

This issue is a rewriting of report 62358, dated 21.12.2009.

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End of report