



Services overview interior materials
Department flooring technology and interior



Date of issue: January 2016

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Services information

ÖTI - Institute for Ecology, Technology and Innovation GmbH is accredited and notified as testing laboratory for floor coverings (NB 0534). All tests are subject to a quality management program according to EN ISO 17025.

This services overview is based on a list of the most common and most important tests (mainly according to EN, ISO and EN/ISO standards). Yet, ÖTI offers a vast range of other services and tests, which we are happy to quote for you upon request.

Orders are accepted in writing (letter, e-mail, fax), by phone and in person. Please note that we will only issue order confirmations on special request. Tests marked with “*”) will be tested with suitable subcontractors if required.

Our terms and conditions apply. Our current T&C's are published on our webpage (www.oeti.at).



Classification of upholstery fabrics according to EN 14465

Tests / Performances
Tensile strength, EN ISO 13934-1
Tear resistance, EN ISO 13937-3
Seam slippage resistance, EN ISO 13936-2
Burst strength, EN ISO 13938-1
Abrasion resistance, ÖNORM EN 14465 Annex A / EN ISO 12947-2
Pilling, EN ISO 12945-2
Colour fastness to artificial light, EN ISO 105-B02
Colour fastness to rubbing, dry and wet, EN ISO 105-X12
Colour fastness to water, EN ISO 105-E01
Colour fastness to handwash, EN ISO 105-C06 A2S
Colour fastness to machine wash, EN ISO 105-C06
Colour fastness to chemical cleaning, EN ISO 105-D01
Dimensional change after washing and drying, ISO 5077

Classification of rubber or plastic coated textiles according to EN 15618

Tests / Performances
Ignition with cigarette, EN 1021-1
Ignition with small gas flame, EN 1021-2
Tensile strength EN ISO 1421, Methode 1
Tear resistance, EN ISO 4674-1
Burst strength, ISO 3303
Abrasion resistance, EN ISO 5470-2
Resistance to crushing and rubbing, EN ISO 5981 Methode B or EN ISO 5402
Adhesion of the coating, EN ISO 2411
Colour fastness to artificial light, EN ISO 105-B02
Colourfastness to rubbing, dry and wet, EN ISO 105-X12
Resistance to soiling, prEN ISO 26081 or EN ISO 26082

Classification of the Burning behaviour of curtains and curtain-like products according to EN 13773

Tests / Performances
Ignitability of vertical oriented specimen, EN 1101
Flame spread of vertically oriented specimen with large ignition source, EN 1102
Flame spread of vertically oriented specimen with large ignition source ,EN 13772
Pre-treatment (washing, EN ISO 6330 or cleaning, EN 3175)

Note: Curtains, drapes and curtain-like products have to be tested in supplied condition and after some cleaning procedures. The cleaning method is chose according to the care labelling. Curtains and curtain-like products, which are not intended to be cleaned/washed during the life cycle can be tested in supplied condition only.



Burning behaviour of upholstery fabrics

Tests / Performances
Burning behaviour according to ÖNORM B 3825
Ignitability according to BS 5852 (Source 0 = Cigarette; Source 1 -3 = buthane gas flames of different height)
Ignitability according to BS 5852 (Crib 4 to Crib 7)
Ignitability according to EN 1021 part 1 and part 2
Swiss fire index class, SN 198898 and smoke emission

Burning behaviour, smoke emission and dripping behaviour according to ÖNORM A 3800-1

Tests / Performances
Burning resistance, ÖNORM A 3800-1
Smoke emission, ÖNORM A 3800-1
Dropping behaviour, ÖNORM A 3800-1

Burning behaviour of bedding items

Tests / Performances
Burning behaviour bedding items – ignition source: news paper, ÖNORM S 1457
Burning behaviour bedding items – ignition source: smouldering cigarette EN ISO 12952-1
Behaviour bedding items – ignition source: match-flame equivalent, EN ISO 12952-2
Burning behaviour of mattresses – ignition source: smouldering cigarette, EN 597-1
Burning behaviour of mattresses – ignition source: match-flame equivalent, EN 597-2
Classification of burning behaviour according to ÖNORM S 1457
Classification of burning behaviour according to EN 14533



Various tests interior textiles

Tests / Performances
Colour fastness to artificial light, EN ISO 105-B02
Colour fastness to rubbing, dry and wet, EN ISO 105-X12
Colour fastness to water, ISO 105-E01
Qualitative Materialanalysis
Quantitative Materialanalysis, different methods
Smoke emission, ÖNORM A 3800-1



About us – Department flooring technology and interior

Our expertise in testing and evaluating floor coverings and interior design materials spans decades.

Regarding “floor coverings” our team of specialists focuses on testing and evaluating textile floor coverings and resilient floor coverings such as PVC, rubber and linoleum as well as laminate- and wooding flooring.

Apart from determining possible usages and specific suitability characteristics such as castor chair suitability, suitability for use on stairs and underfloor heating, etc...., we also focus on testing for safety-related properties like fire behaviour and anti-slip properties.

In the area of “interior design”, we test and assess interior materials like for example curtains, upholstery and decoration materials. Apart from testing characteristics like abrasion resistance, strength and colour fastness our focus is on fire, smoke and dripping behaviour.



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We are looking forward to hearing from you!

Our Mission

We deliver reliable, high quality consulting, testing and certification services worldwide.

We are independent, highly-skilled and customer-oriented.

We offer comprehensive service and safety in the fields of ecology, textiles, flooring technology and interior materials with our team of specialists.

We increase our customers' competitiveness.

We act responsibly towards our employees, our customers and our environment.

Competence creates confidence

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