

**PRZEDSIĘBIORSTWO USŁUGOWO REMONTOWE**  
**REMODEX**  
**ZAKŁAD BADAŃ I WDROŻEŃ PRZEMYSŁU MEBLARSKIEGO**  
Spółka z o.o.

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SIGN: BW/JK/141/18

DATE: 2018-06-18

Order from: 2018-05-19

## TEST REPORT

### Determination of the abrasion resistance of fabric by Martindale method

1. *Name and type of article* -

**Fabric ZN-1**

2. *CLIENT* -

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58-100 ŚWIDNICA

3. *Type of test*

- **resistance to abrasion by Martindale method**

- loading – nominal pressure 12 kPa  
- translational movement along Lissajous tracks

- **resistance to pilling**

(modified Martindale’s method)

- loading – 260 g,  
- translational movement along Lissajous tracks

- inspection intervals after 1000, 2000, 5000 and 10000 cycles

- the number cycles: average – **50.000**

- after 18 000 cycles, small single pillares; after 45 000 cycles, the surface of the samples is strongly peeled, after 60 000 cycles in all samples sawn individual threads.

- after 2000 cycles – degree of change **5**  
**(no changes)**

- after 5000 cycles – degree of change **4-5**  
**(light pilling)**

4. *Documents identifying article* -

order.

This article was tested in accordance with the test procedures described in:

**PN-EN ISO 12947-2:2017**

**PN-EN ISO 12945-2:2002**


for conformity with PN-EN 14465:2005/A1:2007, annex A

*TEST RESULTS:*

**POSITIVE**

**Article fulfill the requirements PN-EN 14465:2005, annex A. at the level category A**

**Attention:** The test sample was acclimated according to PN-EN 20139:1993 (ISO 139)

Test operator  
  
/M Sc. (Eng.) Jacek Konieczny/

PREZES ZARZĄDU

  
mgr inż. Piotr Błaszczak

TEST REPORT contain 1 page

The test results are only valid for the article tested.

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