

TEST REPORT**162384 / 1**Date received: 16-07-13
Date of test: 30-07-13
Date of issue: 24-09-13NIKI LTD.
STREET TOLMACHEVA 46, BUILDING 1
141282 IVANTEEVKA-MOSKOW REGION
RU - RUSSIA

Sample name: Rovere Cedro 333-0202 OLD glue (name 3A).

Pull off test for surface finishes type UNI 9240:1987Diameter of test pad: 20 mm
Test equipment: Instron dynamometer mod. 5566
Test speed: 1 mm/min
Testing adhesive: Epoxy gel mix
Surface treatment before gluing: sanding with abrasing paper grit size 150**Test procedure:**

On both surfaces of the sample, two metallic dolly (\varnothing 20 mm) are glued, and a tensile test perpendicular to the plane of the sample is carried out.

Test results:

| Specimen n° | Maximum load N | Strength MPa | Remarks |
|----------------------|----------------|--------------|--|
| 1 | 737 | 2,3 | Failure of the glue line between dolly and surface finishing |
| 2 | 704 | 2,2 | Failure of the glue line between dolly and surface finishing |
| 3 | 551 | 1,8 | Failure of the glue line between dolly and surface finishing |
| 4 | 709 | 2,3 | Failure of the glue line between dolly and surface finishing |
| 5 | 595 | 1,9 | Failure of the glue line between dolly and surface finishing |
| Average value | | 2,1 | |

- Chemical analysis of the tested material has not been carried out.
- The company who asked for the test has collected and sampled the specimens.

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Managing Director
Dr. Andrea Giavon



centro ricerche-sviluppo e laboratori prove
settori legno-arredo, ambiente e alimenti

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TEST REPORT

162384 / 3

Date received: 16-07-13
Date of test: 22-07-13
Date of issue: 24-09-13

Sample name: Rovere Cedro 333-0202 OLD glue (name 3A).

NIKI LTD.
STREET TOLMACHEVA 46, BUILDING 1
141282 IVANTEEVKA-MOSKOW REGION
RU - RUSSIA

Light fastness UNI EN 15187:2007

| | |
|----------------------------------|-----------------|
| Apparatus: | Atlas C.i. 3000 |
| Radiation source: | Xenon arc lamp |
| Irradiance at 420 nm: | 1,25 W/mq |
| Inner filter: | borosilicate |
| Outer filter: | soda-lime |
| Black panel temperature: | 55 ± 2 °C |
| Irradiance determination system: | automatic |
| Relative humidity: | 50 ± 10% |
| Blue wool standard assessment: | visual |
| N. of observers: | 2 |

Test results:

| Exposure (hours) | Grey scale | Remarks |
|------------------|------------|---------|
| 20 | 4 | /// |

Light fastness:

| Grey scale | Blue wool standard N. |
|------------|-----------------------|
| 4 | 6 |

Notes:

- Chemical analysis of the tested material was not carried out.
- As the customer required, conditioning of the sample was not carried out.

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Managing Director
Dr. Andrea Giavon

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.



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TEST REPORT

162384 / 4

Date received: 16-07-13
Date of test: 23-07-13
Date of issue: 24-09-13

Sample name: Rovere Cedro 333-0202 OLD glue (name 3A).

NIKI LTD.
STREET TOLMACHEVA 46, BUILDING 1
141282 IVANTEEVKA-MOSKOW REGION
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Resistance to scratching UNI EN 15186:2012, met. B

Apparatus: Taber mod. 502

Conditioning of the specimen before the test: 7 days at $23 \pm 2^\circ\text{C}$ and $50 \pm 5\%$ u.r.

Test results:

| Load N | Remarks |
|-----------|---------|
| 0,8 | /// |

Notes:

- Chemical analysis of the tested material has not been carried out.

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*Managing Director
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