

**TEST REPORT****153093 / 1**Date received: 04-02-13  
Date of test: 04-02-13  
Date of issue: 28-03-13KRISTALIA S.R.L.  
VIA CALDERANO 5  
33070 BRUGNERA (PN)  
ITALIA

Sample name: Piano tavolo Thin K legno rif. A.

**Resistance to humid and dry cycles PTP 25:1995**

Sample dimensions: 800 x 1230 mm

Test procedure:

The sample is placed in sequential uniform climates for a specified time.

The test chamber conditions according to UNI 10477/95, are the following:

|             |           |               |                  |
|-------------|-----------|---------------|------------------|
| Humid phase | 23 ± 2 °C | 90 ± 5 % r.h. | Duration 15 days |
| Dry phase   | 23 ± 2 °C | 35 ± 5 % r.h. | Duration 15 days |

Test results:

A moderate fiber rising have been observed on the sample surface at the end of the test.

|                    | Initial | After humid phase | After dry phase |
|--------------------|---------|-------------------|-----------------|
| Deformation (mm) * | 0,0     | 0,0               | 0,0             |

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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.

**TEST REPORT****153093 / 2**Date received: 04-02-13  
Date of test: 11-02-13  
Date of issue: 19-02-13

Sample name: Piano tavolo Thin K legno rif. A.

KRISTALIA S.R.L.  
VIA CALDERANO 5  
33070 BRUGNERA (PN)  
ITALIA**Cold-check test PTP Catas****Procedure:**

The test has been carried out putting the sample in a forced ventilation climatic chamber,  
at the following conditions:

4 hours at  $50 \pm 3$  °C4 hours at  $-20 \pm 3$  °C**Test results:**

| N. of cycles | Remarks                     |
|--------------|-----------------------------|
| 15           | No defects after 15 cycles. |

**Note:**

the test method is partially according to UNI 9429:1989.

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**TEST REPORT****153093 / 3**Date received: 04-02-13  
Date of test: 05-03-13  
Date of issue: 14-03-13KRISTALIA S.R.L.  
VIA CALDERANO 5  
33070 BRUGNERA (PN)  
ITALIA

Sample name: Piano tavolo Thin K legno rif. A.

**Pull off test for surface finishes UNI 9240:1987**Area tested: Sample surface  
Diameter of test pad: 20 mm  
Sample thickness: 6 mm  
Test equipment: Instron dynamometer mod. 5566  
Increase of strength velocity: < 1 MPa/s  
Material of the supporting panel: alluminio  
Finishing: not declared by the customer  
Testing adhesive: Epoxy gel mix  
Surface treatment before gluing: sanding with abrading paper grit size 150  
Test conditions: 23±5°C, 50±20% r.h.  
Surface cleaning : Denaturated alcohol  
Treatment before test: Cold-check test (see prot. n. 153093/2)**Test results:**

| Specimen n°          | Maximum load N | Strength MPa | Remarks  |
|----------------------|----------------|--------------|--|
| 1                    | 601            | 1,9          | Failure of the glue line between dolly and surface finishing |
| 2                    | 756            | 2,4          | Failure of the glue line between dolly and surface finishing |
| 3                    | 759            | 2,4          | Failure of the glue line between dolly and surface finishing |
| 4                    | 467            | 1,5          | Failure of the glue line between dolly and surface finishing |
| 5                    | 713            | 2,3          | Partial detachment of the finish (40%)                       |
| <b>Average value</b> |                | <b>2,1</b>   |  |

- 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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TEST REPORT

153093 / 4

Date received: 04-02-13  
Date of test: 11-02-13  
Date of issue: 19-02-13

Sample name: Piano tavolo Thin K legno rif. A.

KRISTALIA S.R.L.  
VIA CALDERANO 5  
33070 BRUGNERA (PN)  
ITALIA

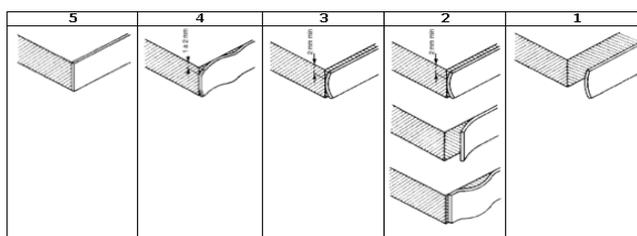
**Resistance of edges to heat UNI 9242:1987 + FA 1:1998**

Conditioning: performed in a conditioned atmosphere

Test results:

| Temperature °C | Rating scale | Remarks            |
|----------------|--------------|--------------------|
| 40             | 5            | No visible change. |
| 50             | 5            | No visible change. |
| 60             | 5            | No visible change. |
| 70             | 5            | No visible change. |
| 80             | 5            | No visible change. |
| 90             | 5            | No visible change. |

|                    |          |
|--------------------|----------|
| Test level reached | <b>5</b> |
|--------------------|----------|



Notes:

- Chemical analysis of the tested material was not carried out.
- At a temperature of 70 ° there is a marked cracking of the veneer on the surface of the sample.

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*Managing Director*  
*Dr. Andrea Giavon*

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