

TEST REPORT

153093 / 1

Date received: 04-02-13
Date of test: 04-02-13
Date of issue: 28-03-13

KRISTALIA 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

TEST REPORT

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

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

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

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 ± 3 °C

4 hours at -20 ± 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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Managing Director
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TEST REPORT

153093 / 3

Date received: 04-02-13
Date of test: 05-03-13
Date of issue: 14-03-13

KRISTALIA 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%)
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

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

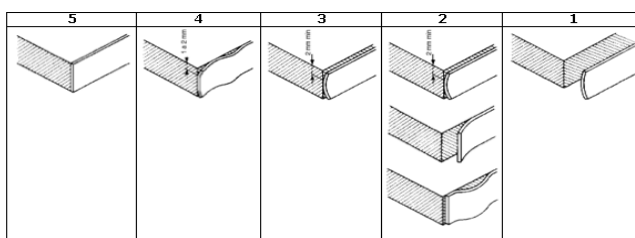
Resistance of edges to heat UNI 9242:1987 + FA 1:1998

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	5
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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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