



NATURHOLZPLATTEN

Test Certificates

Determination of the formaldehyde release of single and three layer solid wood panels

Test method:

EN 717-1 Test chamber method

EN 717-2 Gas analysis method

TILLY Holzindustrie GesmbH

Krappfelder Strasse 27

A-9330 Althofen

office.platten@tilly.at

www.tilly.at

T E S T C E R T I F I C A T E

Product: Solid glued board – 1 layer board
Date of Production: February 10th, 2006
Thickness: 14 mm

Manufacturer: TILLY Holzindustrie Ges. m. b. H.
Krappfelder Str. 27, 9330 Treibach,
Österreich

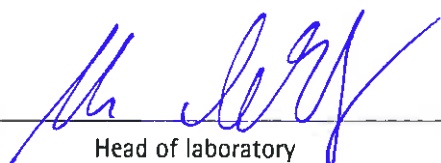
Order: Determination of the formaldehyde release of solid
glued board according to the IOS-MAT-0003, gas
analysis method DIN EN 717-2

Test method: Gas analysis - method DIN EN 717-2
chemical analysis: acetyl acetone - method


Test report: 230051 dated March 23rd, 2006

Test result: The formaldehyde release of the tested solid glued
board, thickness: 14 mm, is 0,6 mg HCHO/hm².
According to the IKEA-specification IOS-MAT-0003
"Formaldehyde requirements wood-based materials" the
solid glued board meets the demands for the material
characteristic value from 3,5 mg HCHO/hm² and fulfills
the requirements of a formaldehyde class E 1 according
to DIN EN 13 986 (09/2002), annex B, table B.1.

Dresden, March 23rd, 2006


Head of laboratory



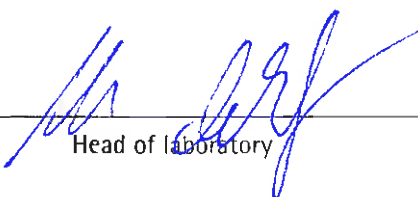

Engineer in charge

T E S T C E R T I F I C A T E

CT-09-10-19-12

- Product:** 1-layer solid wood panel spruce
Thickness: 24 mm
Date of production: August 28th, 2009
- Company:** TILLY Holzindustrie Ges. m. b. H.
Krappfelder Str. 27,
9330 Treibach, Österreich
- Order:** Determination of the formaldehyde release of a solid wood panel
according to the test chamber method DIN EN 717-1
- Test method:** Test chamber method DIN EN 717-1
Chemical analysis formaldehyde: Acetyl acetone method
- Test report:** Test report 259292 – part 1 dated October 19th, 2009
- Test result:** The formaldehyde release of the tested solid wood panel is
0,01 ppm (432 h).
The solid wood panel fulfils the requirements of the
ChemVerbotsV § 1 (3) regarding formaldehyde and meets the
demands of an E1 quality according to DIN EN 13986 "Wood-
based panels for use in construction - Characteristics, evaluation
of conformity and marking". Furthermore the solid wood panel
meets the requirements according to RAL-UZ 76 "Low emission
wood based panels" regarding the formaldehyde release.

Dresden, October 19th, 2009


Head of Laboratory





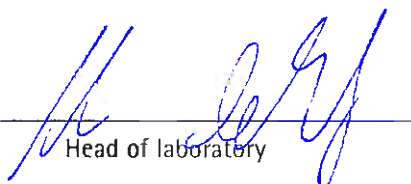
Engineer in charge

T E S T C E R T I F I C A T E


CT-09-10-19-15

- Product:** 1-layer solid wood panel spruce
Thickness: 42 mm
Date of production: August 28th, 2009
- Company:** TILLY Holzindustrie Ges. m. b. H.
Krappfelder Str. 27,
9330 Treibach, Österreich
- Order:** Determination of the formaldehyde release of a solid wood panel according to the test chamber method DIN EN 717-1
- Test method:** Test chamber method DIN EN 717-1
Chemical analysis formaldehyde: Acetyl acetone method
- Test report:** Test report 259292 – part 4 dated October 19th, 2009
- Test result:** The formaldehyde release of the tested solid wood panel is 0,02 ppm (504 h).
The solid wood panel fulfils the requirements of the ChemVerbotsV § 1 (3) regarding formaldehyde and meets the demands of an E1 quality according to DIN EN 13986 "Wood-based panels for use in construction - Characteristics, evaluation of conformity and marking". Furthermore the solid wood panel meets the requirements according to RAL-UZ 76 "Low emission wood based panels" regarding the formaldehyde release.

Dresden, October 19th, 2009


Head of laboratory




Engineer in charge

T E S T C E R T I F I C A T E

CT- 08- 05- 02- 02

Product: Solid glued board – 3-Schichtplatte DL 5.5
Data of Production: February 26th, 2008
Thickness: 22 mm

Manufacturer: TILLY Holzindustrie Ges. m. b. H.
Krappfelder Str. 27, 9330 Treibach,
Österreich

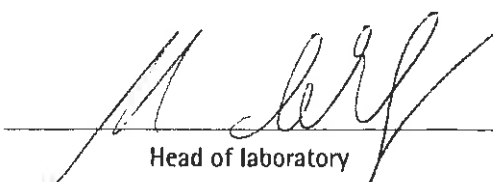
Order: Determination of the formaldehyde release of solid
glued board according to the to the IOS-MAT-0003
(2008-03-10, Version AA-10899-6), gas analysis method
DIN EN 717-2

Test method: Gas analysis - method DIN EN 717-2
chemical analysis: acetyl acetone - method


Test report: 230541 dated May 02nd, 2008

Test result: The formaldehyde release of the tested solid glued
board, thickness: 22 mm, is 0,8 mg HCHO/hm².
According to the IKEA-specification IOS-MAT-0003
"Formaldehyde requirements wood-based materials" the
solid glued board meets the demands for the material
characteristic value from 3,5 mg HCHO/hm² and fulfills
the requirements of a formaldehyde class E 1 according
to DIN EN 13 986,annex B, table B.1.

Dresden, May 02nd, 2008


Head of laboratory



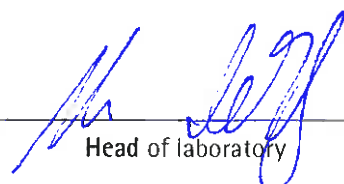

Engineer in charge

TEST CERTIFICATE


CT-09-10-19-13

- Product:** 3-layer solid wood panel spruce
Thickness: 26 mm
Date of production: July 17th, 2009
- Company:** TILLY Holzindustrie Ges. m. b. H.
Krappfelder Str. 27,
9330 Treibach, Österreich
- Order:** Determination of the formaldehyde release of a solid wood panel
according to the test chamber method DIN EN 717-1
- Test method:** Test chamber method DIN EN 717-1
Chemical analysis formaldehyde: Acetyl acetone method
- Test report:** Test report 259292 - part 2 dated October 19th, 2009
- Test result:** The formaldehyde release of the tested solid wood panel is
0,03 ppm (648 h).
The solid wood panel fulfils the requirements of the
ChemVerbotsV § 1 (3) regarding formaldehyde and meets the
demands of an E1 quality according to DIN EN 13986 "Wood-
based panels for use in construction - Characteristics, evaluation
of conformity and marking". Furthermore the solid wood panel
meets the requirements according to RAL-UZ 76 "Low emission
wood based panels" regarding the formaldehyde release.

Dresden, October 19th, 2009


Head of laboratory




Engineer in charge

T E S T C E R T I F I C A T E

CT-07-04-16-02

Product: 3layer Solid Wood Panel OL 5.5
Data of Production: February 21st, 2007
Thickness: 26 mm

Manufacturer: TILLY Holzindustrie Ges. m. b. H.
Krappfelder Str. 27, 9330 Treibach,
Austria

Order: Determination of the formaldehyde release of Solid
Wood Panel acc. to the IOS-MAT-0003, gas analysis
method DIN EN 717-2

Test Method: Gas analysis - method DIN EN 717-2
chemical analysis: acetyl acetone - method

Test Report: 230051 dated April 16th, 2007

Test Result: The formaldehyde release of the tested Solid Wood
Panel, thickness: 26 mm, is determined at 1,2 mg
HCHO/hm². According to the IKEA-specification IOS-
MAT-0003 "Formaldehyde requirements wood-based
materials" the Solid Wood Panel meets the
requirements for the material characteristic value from
3,5 mg HCHO/hm² and fulfills the requirements of a
formaldehyde class E 1 according to DIN EN 13 986,
annex B, table B.1.

Dresden, April 16th, 2007



Head of laboratory



Engineer in charge

T E S T C E R T I F I C A T E

Product: Solid glued board – 3 layer board
Date of Production: February 10th, 2006
Thickness: 27 mm

Manufacturer: TILLY Holzindustrie Ges. m. b. H.
Krappfelder Str. 27, 9330 Treibach,
Österreich

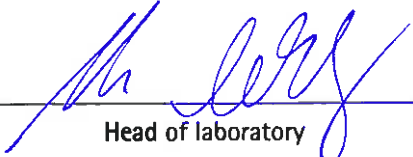
Order: Determination of the formaldehyde release of solid
glued board according to the IOS-MAT-0003, gas
analysis method DIN EN 717-2

Test method: Gas analysis - method DIN EN 717-2
chemical analysis: acetyl acetone - method

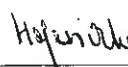
Test report: 230051 dated March 23rd, 2006

Test result: The formaldehyde release of the tested solid glued
board, thickness: 27 mm, is 0,6 mg HCHO/hm².
According to the IKEA-specification IOS-MAT-0003
"Formaldehyde requirements wood-based materials" the
solid glued board meets the demands for the material
characteristic value from 3,5 mg HCHO/hm² and fulfills
the requirements of a formaldehyde class E 1 according
to DIN EN 13 986 (09/2002), annex B, table B.1.

Dresden, March 23rd, 2006


Head of laboratory



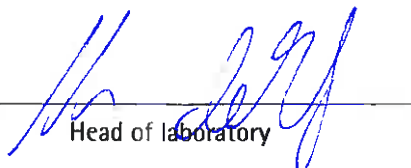

Engineer in charge

T E S T C E R T I F I C A T E

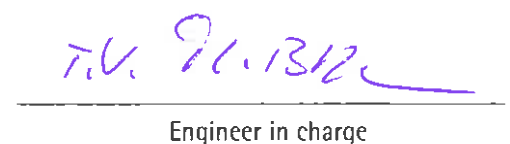
CT-09-10-19-14

- Product:** 3-layer solid wood panel spruce
Thickness: 50 mm
Date of production: July 17th, 2009
- Company:** TILLY Holzindustrie Ges. m. b. H.
Krappfelder Str. 27,
9330 Treibach, Österreich
- Order:** Determination of the formaldehyde release of a solid wood panel according to the test chamber method DIN EN 717-1
- Test method:** Test chamber method DIN EN 717-1
Chemical analysis formaldehyde: Acetyl acetone method
- Test report:** Test report 259292 - part 3 dated October 19th, 2009
- Test result:** The formaldehyde release of the tested solid wood panel is 0,02 ppm (672 h).
The solid wood panel fulfils the requirements of the ChemVerbotsV § 1 (3) regarding formaldehyde and meets the demands of an E1 quality according to DIN EN 13986 "Wood-based panels for use in construction - Characteristics, evaluation of conformity and marking". Furthermore the solid wood panel meets the requirements according to RAL-UZ 76 "Low emission wood based panels" regarding the formaldehyde release.

Dresden, October 19th, 2009


Head of laboratory




Engineer in charge