



WKI · FRAUNHOFER-INSTITUT · Bienroder Weg 54 E · D-38108 Braunschweig

ARCHIDPLY®
ATP SILVI Products LTD.
29/2, G.K. Manor, 1st Floor,
Nehrunagar Circle
Sheshadripuram

560 020 Bangalore
India

Dipl.-Ing. Harald Schwab
Head of the Testing,
Supervision and
Certifying Body

Bienroder Weg 54 E
38108 Braunschweig, Germany
<http://www.wki.fraunhofer.de>

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Phone +49 (0) 531/2155-375
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E-mail bettina.meyer@wki.fraunhofer.de

Your reference

Your message dated

Our reference
Mey

Braunschweig,
29 March 2007

Test report No. B1014/07

Customer:

ARCHIDPLY®
ATP SILVI Products LTD.
29/2, G.K. Manor, 1st Floor,
Nehrunagar Circle
Sheshadripuram

560 020 Bangalore
India

Receipt of sample:

20 March 2007

WKI-ID-No.:

1052/07

Date of test:

25 March 2007

Objective of the test:

Determination of formaldehyde release

Content of the test report:


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2. Execution of the test	Page 2
3. Test result	Page 2

This test report comprises 2 pages and 1 table.

This test report is not permitted to be published incompletely. A publication in extracts is in any case subject to the previous consent of Fraunhofer-Institut für Holzforschung, Wilhelm-Klauditz-Institut (WKI), Bienroder Weg 54E in 38108 Braunschweig (Germany).

The test results exclusively refer to the objects of the test.

The test material was used up.

EC Notified 0765	Testing, Supervising and Certifying Body authorized by the Principal Authority for Supervision of Construction
 DAP-PL-2071.00	Testing laboratory authorised by DAP Deutsches Akkreditierungssystem Prüfwesen GmbH according to DIN EN ISO/IEC 17025. The authorisation covers the test methods listed in the certificate.

Board of Directors:
Univ.-Prof. Dr.-Ing. habil. Prof. e. h. Dr. h. c.
Hans-Jörg Bullinger, Präsident
Dr. rer. nat. Ulrich Buller
Dr. rer. pol. Alfred Gossner
Dr. jur. Dirk-Meints Polter

Banking Code:
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BLZ 700 700 10

IBAN: DE8670070010 0752 193300
BIC (SWIFT-Code): DEUTDEMM

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- Page 2 - of 2 to test report No. B1014/07
dated 29 March 2007

1. Task and test material

The Fraunhofer-Institut für Holzforschung, Wilhelm-Klauditz-Institut (WKI), was entrusted by Messrs. ARCHIDPLY® ATP SILVI Products LTD. in 560 020 Bangalore (India) with the determination of formaldehyde release of an uncoated plywood sample. The test material was chosen, marked and sent for testing to the WKI by the customer.

2. Execution of the test

As requested the determination of the formaldehyde release was made without a prior conditioning of the samples using the gas analysis method DIN EN 717-2:1995-01. The sample size was 400 mm x 50 mm x thickness. The edges of the test pieces were coated with self-adhesive aluminium tape before testing.

3. Test result

In the table enclosed to the test report the formaldehyde value of the tested sample is specified as a mean value of a repeated determination.

According to the German Prohibition for Chemical Products – “Chemikalien-Verbotsverordnung” – annex § 1, para 3, in relation with the publication of the Federal Health Office in the journal “Bundesgesundheitsblatt”, issue October 1991 (p. 487 – 489), the limit value for uncoated plywood and blockboard samples after a four-week conditioning period is a gas analysis value of $\leq 3.5 \text{ mg HCHO}/(\text{h}\cdot\text{m}^2)$. The limit value for uncoated plywood samples tested without a prior conditioning (max. 3 days after production) is $6.0 \text{ mg HCHO}/(\text{h}\cdot\text{m}^2)$.

We draw your attention to the fact that the effected test was made as a material parameter and not as a classifying test.

Bettina Meyer
Official in charge

Dipl.-Ing. Harald Schwab
Head of Testing, Supervision and
Certifying Body



Enclosure to test report No. B1014/07
dated 29 March 2007

Table: Formaldehyde release of a sample ordered by
Messrs. ARCHIDPLY® ATP SILVI Products LTD. in 560 020 Bangalore (India)

Date of receipt: 20 March 2007

Date of test: 25 March 2007

WKI-ID- No.	Specimen	thickness mm	gas analysis value* mg HCHO/(h·m ²)
1052/07	"Plywood – BWR 12 mm" - plywood, uncoated	12	0.6

* mean value of a repeated determination; carried out without a prior conditioning and with sealed edges



Quality Assessment

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Your reference

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Our reference
Mey

Braunschweig,
5 March 2007

Test report No. B707/07

Customer:

ARCHIDPLY®
ATP SILVI Products LTD.
29/2, G.K. Manor, 1st Floor,
Nehrunagar Circle
Sheshadripuram

560 020 Bangalore
India

Receipt of sample:

26 February 2007

WKI-ID-No.:

630/07

Date of test:

1 March 2007

Objective of the test:

Determination of formaldehyde release

Content of the test report:


1. Task and test material	Page 2
2. Execution of the test	Page 2
3. Test result	Page 2

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- Page 2 - of 2 to test report No. B707/07
dated 5 March 2007

1. Task and test material

The Fraunhofer-Institut für Holzforschung, Wilhelm-Klauditz-Institut (WKI), was entrusted by Messrs. ARCHIDPLY® ATP SILVI Products LTD. in 560 020 Bangalore (India) with the determination of formaldehyde release of an uncoated plywood sample. The test material was chosen, marked and sent for testing to the WKI by the customer.

2. Execution of the test

As requested the determination of the formaldehyde release was made without a prior conditioning of the samples using the gas analysis method DIN EN 717-2:1995-01. The sample size was 400 mm x 50 mm x thickness. The edges of the test pieces were coated with self-adhesive aluminium tape before testing.

3. Test result

In the table enclosed to the test report the formaldehyde value of the tested sample is specified as a mean value of a repeated determination.

According to the German Prohibition for Chemical Products – “Chemikalien-Verbotsverordnung” – annex § 1, para 3, in relation with the publication of the Federal Health Office in the journal “Bundesgesundheitsblatt”, issue October 1991 (p. 487 – 489), the limit value for uncoated plywood and blockboard samples after a four-week conditioning period is a gas analysis value of $\leq 3.5 \text{ mg HCHO}/(\text{h}\cdot\text{m}^2)$. The limit value for uncoated plywood samples tested without a prior conditioning (max. 3 days after production) is $6.0 \text{ mg HCHO}/(\text{h}\cdot\text{m}^2)$.

We draw your attention to the fact that the effected test was made as a material parameter and not as a classifying test.

Bettina Meyer
Official in charge

Dipl.-Ing. Harald Schwab
Head of Testing, Supervision and
Certifying Body



Enclosure to test report No. B707/07
dated 5 March 2007

Table: Formaldehyde release of a sample ordered by
Messrs. ARCHIDPLY® ATP SILVI Products LTD. in 560 020 Bangalore (India)

Date of receipt: 26 February 2007

Date of test: 1 March 2007

WKI-ID- No.	Specimen	thickness mm	gas analysis value* mg HCHO/(h·m ²)
630/07	"Identification Mark: M.C.L. MR-18 mm Sample Type: uncoated" - plywood, uncoated	13	0.2

* mean value of a repeated determination; carried out without a prior conditioning and with sealed edges



Quality Assessment

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Your message dated

Our reference
Mey

Braunschweig,
29 March 2007

Test report No. B1016/07

Customer:

ARCHIDPLY®
ATP SILVI Products LTD.
29/2, G.K. Manor, 1st Floor,
Nehrunagar Circle
Sheshadripuram

560 020 Bangalore
India

Receipt of sample:

20 March 2007

WKI-ID-No.:

1053/07 and 1054/07

Date of test:

25 March 2007

Objective of the test:

Determination of formaldehyde release

Content of the test report:


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- Page 2 - of 2 to test report No. B1016/07
dated 29 March 2007

1. Task and test material

The Fraunhofer-Institut für Holzforschung, Wilhelm-Klauditz-Institut (WKI), was entrusted by Messrs. ARCHIDPLY® ATP SILVI Products LTD. in 560 020 Bangalore (India) with the determination of formaldehyde release of two High Pressure Decorative Laminate (HPDL) samples. The test material was chosen, marked and sent for testing to the WKI by the customer.

2. Execution of the test

As requested the determination of the formaldehyde release was made without a prior conditioning of the samples using the gas analysis method DIN EN 717-2:1995-01. The sample size was 400 mm x 50 mm x thickness. The edges of the test pieces were coated with self-adhesive aluminium tape before testing.

3. Test result

In the table enclosed to the test report the formaldehyde values of the tested samples are specified as mean values of repeated determinations.

According to the German Prohibition for Chemical Products – “Chemikalien-Verbotsverordnung” – annex § 1, para 3, in relation with the publication of the Federal Health Office in the journal “Bundesgesundheitsblatt”, issue October 1991 (p. 487 – 489), the limit value for coated wood based panels is a gas analysis value of $\leq 3.5 \text{ mg HCHO}/(\text{h}\cdot\text{m}^2)$.

We draw your attention to the fact that the effected test was made as a material parameter and not as a classifying test.

Bettina Meyer
Official in charge

Dipl.-Ing. Harald Schwab
Head of Testing, Supervision and
Certifying Body



Enclosure to test report No. B1016/07
dated 29 March 2007

Table: Formaldehyde release of samples ordered by
Messrs. ARCHIDPLY® ATP SILVI Products LTD. in 560 020 Bangalore (India)

Date of receipt: 20 March 2007

Date of test: 25 March 2007

WKI-ID- No.	Specimen	thickness mm	gas analysis value* mg HCHO/(h·m ²)
1053/07	"HPDL – DS 5028 – batch No. 270211"	0.3	0.2
1054/07	"HPDL – 5028"	0.3	0.3

* mean value of a repeated determination; carried out without a prior conditioning and with sealed edges