Certificate of Assessment

NK5928 No. 1311

This is to certify that the specimen described below was tested by the CSIRO Division of Materials Science and Engineering in accordance with Australian/ New Zealand Standard 3837, Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter, 1998, at 50 kW/m², on behalf of:

Abet Pty Limited
11-13 Smoothy Place
ARNDELL PARK NSW
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 9539.

SAMPLE IDENTIFICATION: Abet Laminati Print HPL

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as a high-pressure laminate panel consisting of layers of kraft paper impregnated with thermosetting resins finished with one decorative paper layer on the exposed face impregnated with aminoplastic resins.

Nominal total thickness: 0.9 mm
Nominal total mass: 1.3 kg/m²
Colour: white (0406)

SAMPLE CLASSIFICATION: Group Number: Group 1
(In accordance with Specification A2.4 of the Building Code of Australia.)

Average specific extinction area: 170.0 m²/kg
(Refer to Specification C1.10a section 3(c) of the Building Code of Australia.)

Testing Officer: Heherson Alarde Date of Test: 02 October 2009

Issued on the 12th day of October 2009 without alterations or additions.

Garry E Collins
Manager, Fire Testing and Assessments

CSIRO
CSIRO Materials Science and Engineering
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile:61 2 9490 5555

Certificate of Assessment

NK5928 No. 1312

This is to certify that the specimen described below was tested by the CSIRO Division of Materials Science and Engineering in accordance with Australian/ New Zealand Standard 3837, Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter, 1998, at 50 kW/m², on behalf of:

Abet Pty Limited
11-13 Smoothy Place
ARNDELL PARK NSW
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 9540.

SAMPLE IDENTIFICATION: Abet Laminati Print HPL F1 Fire Retardant

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as a high-pressure laminate panel consisting of layers of kraft paper impregnated with thermosetting resins finished with one decorative paper layer on the exposed face impregnated with aminoplastic resins. The specimen contained flame retardant additives.

Nominal total thickness: 1.0 mm
Nominal total mass: 1.6 kg/m²
Colour: white (0406)

SAMPLE CLASSIFICATION: Group Number: Group 1
(In accordance with Specification A2.4 of the Building Code of Australia.)

Average specific extinction area: 132.5 m²/kg
(Refer to Specification C1.10a section 3(c) of the Building Code of Australia.)

Testing Officer: Heherson Alarde Date of Test: 6 October 2009

Issued on the 12th day of October 2009 without alterations or additions.

Garry E Collins
Manager, Fire Testing and Assessments

CSIRO
CSIRO Materials Science and Engineering
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile:61 2 9490 5555

Certificate of Assessment

NK5928 No. 1313

This is to certify that the specimen described below was tested by the CSIRO Division of Materials Science and Engineering in accordance with Australian/ New Zealand Standard 3837, Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter, 1998, at 50 kW/m², on behalf of:

Abet Pty Limited
11-13 Smoothy Place
ARNDELL PARK NSW
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 9541.

SAMPLE IDENTIFICATION: Abet Laminati Print HPL Metalli (MET)

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as a high-pressure laminate panel consisting of layers of kraft paper impregnated with thermosetting resins finished with lacquered aluminium foil on the exposed face.

Nominal total thickness: 1.0 mm
Nominal total mass: 1.9 kg/m²
Colour: grey/silver (0877)

SAMPLE CLASSIFICATION: Group Number: Group 1
(In accordance with Specification A2.4 of the Building Code of Australia.)

Average specific extinction area: 139.3 m²/kg
(Refer to Specification C1.10a section 3(c) of the Building Code of Australia.)

Testing Officer: Heherson Alarde Date of Test: 6 October 2009

Issued on the 12th day of October 2009 without alterations or additions.

Garry E Collins
Manager, Fire Testing and Assessments

CSIRO

CSIRO Materials Science and Engineering
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile:61 2 9490 5555

Certificate of Assessment

NK5928 No. 1314

This is to certify that the specimen described below was tested by the CSIRO Division of Materials Science and Engineering in accordance with Australian/ New Zealand Standard 3837, Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter, 1998, at 50 kW/m², on behalf of:

Abet Pty Limited
11-13 Smoothy Place
ARNDELL PARK NSW
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 9542.

SAMPLE IDENTIFICATION: Abet Laminati Print Diafos

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as a three-dimensional paper laminate panel with aminoplastic resin surface.

Nominal total thickness: 1.6 mm
Nominal total mass: 2.4 kg/m²
Colour: green (3163)

SAMPLE CLASSIFICATION: Group Number: Group 1
(In accordance with Specification A2.4 of the Building Code of Australia.)

Average specific extinction area: 94.1 m²/kg
(Refer to Specification C1.10a section 3(c) of the Building Code of Australia.)

Testing Officer: Heherson Alarde Date of Test: 6 October 2009

Issued on the 12th day of October 2009 without alterations or additions.

Garry E Collins
Manager, Fire Testing and Assessments

CSIRO

CSIRO Materials Science and Engineering
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile:61 2 9490 5555

Certificate of Assessment

NK5928 No. 1315

This is to certify that the specimen described below was tested by the CSIRO Division of Materials Science and Engineering in accordance with Australian/ New Zealand Standard 3837, Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter, 1998, at 50 kW/m², on behalf of:

Abet Pty Limited
11-13 Smoothy Place
ARNDELL PARK NSW
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 9543.

SAMPLE IDENTIFICATION: Abet Laminati Print HPL Printwood F1

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as a high-pressure decorative laminate panel consisting of layers of kraft paper impregnated with thermosetting resins finished with a timber veneer layer on the exposed face protected with melamine resin. The specimen contains flame retardant additives.

Nominal total thickness: 1.0 mm
Nominal total mass: 1.4 kg/m²
Colour: brown (1697)

SAMPLE CLASSIFICATION: Group Number: Group 1
(In accordance with Specification A2.4 of the Building Code of Australia.)

Average specific extinction area: 129.5 m²/kg
(Refer to Specification C1.10a section 3(c) of the Building Code of Australia.)

Testing Officer: Heherson Alarde Date of Test: 7 October 2009

Issued on the 12th day of October 2009 without alterations or additions.

Garry E Collins
Manager, Fire Testing and Assessments

CSIRO
CSIRO Materials Science and Engineering
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile:61 2 9490 5555

Certificate of Assessment

NK5928 No. 1316

This is to certify that the specimen described below was tested by the CSIRO Division of Materials Science and Engineering in accordance with Australian/ New Zealand Standard 3837, Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter, 1998, at 50 kW/m², on behalf of:

Abet Pty Limited
11-13 Smoothy Place
ARNDELL PARK NSW
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 9548.

SAMPLE IDENTIFICATION: Abet Laminati Print HPL Stratificato/MEG/Labgrade 1.5 mm

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as a high-pressure laminate panel consisting of layers of kraft paper impregnated with thermosetting resins finished with one decorative paper layer on the exposed face impregnated with aminoplastic resins.

Nominal total thickness: 1.5 mm
Nominal total mass: 2.1 kg/m²
Colour: white (0406)

SAMPLE CLASSIFICATION: Group Number: Group 3
(In accordance with Specification A2.4 of the Building Code of Australia.)

Average specific extinction area: 114.4 m²/kg
(Refer to Specification C1.10a section 3(c) of the Building Code of Australia.)

Testing Officer: Heherson Alarde Date of Test: 7 October 2009

Issued on the 12th day of October 2009 without alterations or additions.

Garry E Collins
Manager, Fire Testing and Assessments

CSIRO

CSIRO Materials Science and Engineering
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile:61 2 9490 5555

Certificate of Assessment

NK5928

No. 1310

This is to certify that the specimen described below was tested by the CSIRO Division of Materials Science and Engineering in accordance with Australian/ New Zealand Standard 3837, Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter, 1998, at 50 kW/m², on behalf of:

Abet Pty Limited
11-13 Smoothy Place
ARNDELL PARK NSW
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 9535.

SAMPLE IDENTIFICATION: Abet Laminati Print HPL Stratificato/MEG/Labgrade 25mm

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as a high-pressure laminate panel consisting of layers of kraft paper impregnated with thermosetting resins finished with one decorative paper layer on each face impregnated with aminoplastic resins.

Nominal total thickness: 25 mm
Nominal total mass: 34.1 kg/m²
Colour: white (0406)

SAMPLE CLASSIFICATION: Group Number: Group 3
(In accordance with Specification A2.4 of the Building Code of Australia.)

Average specific extinction area: 6.2 m²/kg
(Refer to Specification C1.10a section 3(c) of the Building Code of Australia.)

Testing Officer: Heherson Alarde Date of Test: 28 September 2009

Issued on the 9th day of October 2009 without alterations or additions.

Garry E Collins
Manager, Fire Testing and Assessments

CSIRO
CSIRO Materials Science and Engineering
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile:61 2 9490 5555

Certificate of Assessment

NK5928 No. 1309

This is to certify that the specimen described below was tested by the CSIRO Division of Materials Science and Engineering in accordance with Australian/ New Zealand Standard 3837, Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter, 1998, at 50 kW/m², on behalf of:

Abet Pty Limited
11-13 Smoothy Place
ARNDELL PARK NSW
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 9534.

SAMPLE IDENTIFICATION: Abet Laminati Print HPL Stratificato/MEG/Labgrade F1 25mm

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as a high-pressure laminate panel consisting of layers of kraft paper impregnated with thermosetting resins finished with one decorative paper layer on the each face impregnated with aminoplastic resins. The specimen contained flame-retardant additives

Nominal total thickness: 25 mm
Nominal total mass: 39.1 kg/m²
Colour: brown (0898)

SAMPLE CLASSIFICATION: Group Number: Group 3
(In accordance with Specification A2.4 of the Building Code of Australia.)

Average specific extinction area: 8.9 m²/kg
(Refer to Specification C1.10a section 3(c) of the Building Code of Australia.)

Testing Officer: Heherson Alarde Date of Test: 28 September 2009

Issued on the 9th day of October 2009 without alterations or additions.

Garry E Collins
Manager, Fire Testing and Assessments

CSIRO
CSIRO Materials Science and Engineering
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile:61 2 9490 5555