



No.1086483.3

(Please quote this number in all correspondence)

CLIENT:
Enviro-foam Qld
Unit 1/25 South Pine Road
Brendale
Queensland 4500

SAMPLE RECEIVED FROM:
Enviro-foam Qld

Date:16.3.15

Attn: Chris Bovell

SAMPLE DESCRIPTION:
One mattress sample, silver outer cover , Natritex fabric
Enviro -Foam Fireguard III inner
(cover inherently flame retarded- information supplied)

Client Order No.:

Client Reference:

1/2

BS 7177:2008+ A1 :2011 SPECIFICATION FOR RESISTANCE TO IGNITION OF MATTRESSES, DIVANS AND BED BASES.

Conditioned at: 50 ± 5% RH. 23 ± 2°C
Water soaking procedure not carried out
Sample tested without bed covers or pillows

**BSEN 597-1:1995 Furniture- Assessment of the ignitability of mattresses and upholstered bed bases.
Smouldering Cigarette Test:**

NON IGNITION

Smouldering time 11 minutes 31 seconds and 11 minutes 52 seconds , no damage or charring

**BSEN 597-2:1995 Furniture- Assessment of the ignitability of mattresses and upholstered bed bases.
Butane Flame Test:**

Flame height 35mm
Ignition application time 15 sec

NON IGNITION

Burning time 15 and 15 seconds, no damage or charring

**BS 6807:1996 Assessment of the ignitability of mattresses, upholstered divans and upholstered bed bases
with flaming types of primary and secondary sources of ignition. Section 2**

Crib 7 Test: constructed to standard **BS 6852 :2006 Section 9.**

Ignition above sample: **NON IGNITION**

Observations :

The cribs stopped flaming at 7 minutes 44 seconds and 6 minutes 0 seconds .
The samples did not smoulder.
The top covering layers were not breached with either crib .
There was a slight surface change in the outer fabric.
There was no charring or damage as outlined in the test method

L A Greer, Testing Manager
Signatory

31/03/2015

"THIS REPORT APPLIES ONLY TO THE SAMPLES TESTED"

Except where the sample is drawn independently by NZWTA Ltd. NZWTA Ltd makes no warranty, implied or otherwise as to the source of the tested sample. The above test results are not certified due to the adoption of modified and/or non-standard procedures designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY. Except where precluded by law, no responsibility can be accepted by NZWTA Ltd for any claim which may arise from any person acting on information contained herein.



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation



No.1086483.3

(Please quote this number in all correspondence)

CLIENT:
Enviro-foam Qld
Unit 1/25 South Pine Road
Brendale
Queensland 4500

Attn: Chris Bovell

SAMPLE RECEIVED FROM:
Enviro-foam Qld

SAMPLE DESCRIPTION:
One mattress sample, silver outer cover , Natritex fabric
Enviro -Foam Fireguard III inner
(cover inherently flame retarded- information supplied)

Date:16.3.15

Client Order No.:

Client Reference:

2/2

BS 7177:2008+ A1 :2011 SPECIFICATION FOR RESISTANCE TO IGNITION OF MATTRESSES, DIVANS AND BED BASES.

Continued:

Additional testing on the filling material according to the Furniture and Furnishings (Fire)(Safety) Regulations 1988.

These test methods refer to the earlier British Standards BS 5852-2:1982 and BS 6807: 1986

Annex A Polyurethane foam in block or cushion form - crib 5

Conditioned at: 50 ± 5% RH. 23 ± 2°C

Water soaking procedure not carried out

Samples tested under 100% flame retardant polyester fabric , mass 220 g/m² ± 5%

Result

NON IGNITION

Observations :

The mass loss was 19 grams and 58 grams

The cribs stopped flaming with at 3 minutes 8 seconds and 4 minutes and 31 seconds

The samples did not smoulder.

The damage did not extend to the extremities of the specimen or exhibit charring

This sample meets the requirement for a Very High Hazard rating and High Hazard

High Hazard = off-shore installations, hotels, hostels, old peoples' homes , certain hospital wards

Very High Hazard = Prison Cells and locked psychiatric accommodation.

"These test results relate only to the ignitability of the combination under the particular conditions of the test. They are not intended as a means of assessing the full potential fire hazard of the mattress, mattress pad or upholstered bed base in use".

L A Greer, Testing Manager
Signatory

31/03/2015

"THIS REPORT APPLIES ONLY TO THE SAMPLES TESTED"

Except where the sample is drawn independently by NZWTA Ltd. NZWTA Ltd makes no warranty, implied or otherwise as to the source of the tested sample. The above test results are not certified due to the adoption of modified and/or non-standard procedures designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY. Except where precluded by law, no responsibility can be accepted by NZWTA Ltd for any claim which may arise from any person acting on information contained herein.



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation



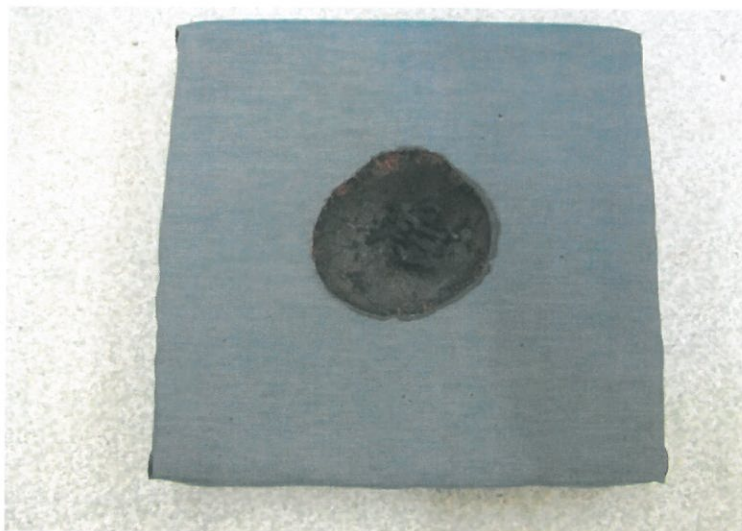
No.1086483.3

(Please quote this number in all correspondence)

Crib 7 x 2 (on the same sample)



Crib 5 on foam with FR polyester (one example)



L A Greer, Testing Manager
Signatory

31/03/2015

"THIS REPORT APPLIES ONLY TO THE SAMPLES TESTED"

Except where the sample is drawn independently by NZWTA Ltd. NZWTA Ltd makes no warranty, implied or otherwise as to the source of the tested sample. The above test results are not certified due to the adoption of modified and/or non-standard procedures designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY. Except where precluded by law, no responsibility can be accepted by NZWTA Ltd for any claim which may arise from any person acting on information contained herein.