

TECHNICAL REPORT



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EXCELSIOR LTD

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Deal Street
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Our Ref: **TRELF52637**
Date: 16 June 2014
Delivery Date: 06 June 2014
Test Dates: 11 June 2014

For the attention of Mr Martin Kitson

SAMPLE(S) FOR TEST:

One, Echanger Plus

TEST REQUIREMENTS:

BS EN 12221-1 & 2:2008 Changing units for domestic use
(Static load testing only)

RESULT:

PASS

FIRA is a UKAS TESTING Laboratory No. 0174

Tests marked "Not UKAS Accredited" in this Report are not included in the UKAS Accreditation Schedule for our laboratory.

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.

This Report relates to the sample(s) submitted for test and no others. Additions, deletions or alterations are not permitted.

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This Report is given subject to the Terms of Business of FIRA International which are available from the Secretary at the address shown.

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DESCRIPTION

Item: Echanger Plus

Supplied by: Excelsior Ltd

See Photos: One - Two

Overall Dimensions: 505 mm High x 820 mm Wide x 105 – Shut, 505 - Open mm Deep

Qty	Item	Material
1	Strap	25mm Thick Nylon
1	Foldout Base	2mm Thick Moulded Plastic
1	Wall Mount Back Panel	2mm Thick Moulded Plastic

All dimensions are approximate.

PRECONDITIONING AND MOISTURE CONTENT

FIRA cannot validate date of manufacture and therefore it is assumed that at least 4 weeks has elapsed between date of manufacture and delivery to FIRA.

Unless otherwise stated on the first page of this report the sample was stored in indoor ambient conditions for at least the minimum duration as required by this standard prior to test.

Wherever possible timber moisture content is verified prior to test. Where this is not possible the moisture content is assumed to be in the range 8 – 12 %.

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BS EN 12221-1: 2008 CHANGING UNITS FOR DOMESTIC USE

The assessment was carried out in accordance with the standard. Details of the tests are retained at FIRA and are available on request.

Item: Echanger Plus

Initial Inspection: No apparent faults

Clause	Test	Result
4.1	Dimensions	N/R
4.2	Materials	N/R
5.1	Holes, Gaps and Openings	N/R
5.2	Edges, Points and Corners	N/R
5.3	Moving Parts	N/R
5.4	Locking and Folding Mechanisms of the Complete Unit	N/R
5.5	Small Detachable Components	N/R
5.6	Castors/Wheels	N/R
5.7	Self-Tapping Screws	N/R
5.8	Stability	N/R
5.9	Strength	N/R
5.10	Extension Elements	N/R
5.11	Barriers	N/R
5.12	Changing Board Flap	N/R
5.13	Child Bath Tub	N/R
6	Plastic Packaging	N/R
7	Instructions for Use	N/R
8	Marking	N/R
9	Purchase Information	N/R

N/R - Not Required

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BS EN 12221-2:2008 CHANGING UNITS FOR DOMESTIC USE

The assessment was carried out in accordance with the standard. Details of the tests are retained at FIRA and are available on request.

Item: Baby Changing Unit

Initial Inspection: No apparent faults

Clause	Test	Result
5.1	Assembly and Inspection	N/R
5.2	Measurements of Changing Area	N/R
5.3	Measurements of Gaps, Holes and Openings	N/R
5.4	Moving Parts	N/R
5.5	Small Detachable Components	N/R
5.6	Stability	N/R
5.7	Strength	PASS*
5.8	Barriers	N/R
5.9	Changing Board Flap	N/R
5.10	Locking and Folding of the complete unit	N/R
5.11	Child Bath Tub	N/R
5.12	Castors/Wheels	N/R

N/R - Not Required

*100kg load requested by customer

TECHNICAL REPORT

The Echanger Plus, as previously described, successfully satisfied the static load testing requirements from BS EN 12221-1 & 2:2008.

Tested by: J Moore and S Tiernan

Reported by: J Eaves

Approved by: H James
Operations Manager - Testing Services.

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Photo 1: Echanger Plus



Photo 2: Echanger Plus

*****End of Report*****

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