

Draggin Jeans Pty Ltd
196 Wells Street
South Melbourne
Victoria
3205
Australia

For the attention of: Grant Mackintosh

Technical Report

Subject: EN 13595-1 Abrasion Resistance Testing of
of Jean trousers referenced "Hornee"

Your ref: UPS Tracking 1Z E13 9X6 04 5712 1430

Our ref: SPC170518/0850

Date: 18th December 2008

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The uncertainty of the results in this report is based on a standard uncertainty multiplied by a coverage factor $k=2$, which provides for a confidence level of approximately 95%.

Report signed by: P.J. Doughty
Position: PPE Technologist
Department: Safety Products Centre

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WORK REQUESTED:

A sample pair of jean type trousers referenced “Hornee” were received by SATRA on 11th December 2008 for assessment in accordance with the requirements specified in EN 13595-1: 2002 Clause 5.4 Abrasion Resistance.

CONCLUSIONS

Sample Reference (see note 1)	Result
Hornee	PASS - Level 1 and 2- Zone 4 only FAIL – Level 1 and 2 – Zone 2 (see note 1)

TESTING:

Testing was carried out in accordance with EN 13595-1: 2002 Clause 5.4 on 17th December 2008.

Figure 1 – Sample referenced Hornee Jeans cut open to show localised inner reinforcement lining



RESULTS

EN 13595-1: 2002 Requirements

Clause 5.4 Abrasion Resistance

Zone	1 & 2	3	4
Requirement in seconds; Level 1	4.0	1.8	1.0
Requirement in seconds; Level 2	7.0	2.5	1.5

EN 13595-1: 2002 Clause 5.4 Abrasion Resistance Test Results

SAMPLE REFERENCE	RELATIVE ABRASION TIME (s)	PASS/FAIL
Hornee	2.19	Level 1 and Level 2 – Zone 4 PASS
	2.92	
	0.97	
	0.98	Level 1 and Level 2 – Zone 2 FAIL (see note 1)
	1.53	
	1.00	
	Mean: 1.60	

Note 1 – Sample reference “Hornee” had a locally reinforced area with an inner lining. For the purposes of this testing, specimens were taken from the reinforced areas of the garment in the area between the waist and crutch posteriorly which is defined by EN 13595-1: 2002 as a “zone 2” area. All testing was carried out on the garments in the as received condition with no cleaning pre-treatment carried out.

***** END OF REPORT *****

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