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Test Report

Client Terry Dancey
T & L's Vetbed
Box 724
Smithers, BC
V0J 2N0

Date 10 December 2008
Reference No. 27-022-39
Receipt No. 0263

Material Tested Three fleece samples: Vetbed original; Vetbed gold; and, Profleece.

Testing Requested The construction, thickness and mass of the three samples were to be determined.

Test Results

Property	Vetbed Original	Vetbed Gold	Profleece
Construction	weft pile knit	weft pile knit	weft pile knit
wales/cm	6	4.5	4.5
courses/cm	7.5	7	7.5
Total fleece tufts/cm ²	45	32	34
Mass g/m ² (with adhesive coating)	1180	1611	1764
Height cm	~ 3.0	~ 3.0	~ 3.5

ABOUT THIS TEXTILE ANALYSIS SERVICE REPORT

The findings of this report were made by experienced analysts and are based on current Textile Analysis Service knowledge. It is assumed that the information supplied by the client was valid and complete.

Samples submitted for testing are accepted on the understanding that the report issued can not form the basis of, or instrument for, any legal liability against the Textile Analysis Service and applies specifically to the sample tested and not necessarily to the bulk.

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Discussion

Each of the samples submitted for evaluation is constructed in the same way. They are all weft pile knits; however, the knitting gauge or number of knit stitches per cm is different in each sample. The Vetbed Original has the highest gauge and therefore the highest number of fleece tufts per square centimeter (45 tufts versus 32 tufts for the Vetbed Gold and 34 tufts for the Profleece). The Vetbed Gold has a thicker pile yarn than the Vetbed Original, and so the pile feels equal in density to the higher gauge Vetbed Original. The ground knitting yarn in the Vetbed Gold is also a double strand (two yarns knitted together) whereas single yarns are used in the ground knitting of the Vetbed Original and in the Profleece. The double strands produce a very firm ground in the Vetbed Gold and contribute to the higher mass of this sample over the Vetbed Original, despite the lower gauge. All of the samples submitted for testing have an adhesive coating and a thicker coating may explain some of the differences in the mass values recorded for the samples. The Profleece also has a higher pile height than the other two samples (pile height 3.5 cm versus 3.0 cm for the Vetbed samples). The higher pile height would also contribute to the higher mass of this sample even though the density of the tufts (34 fleece tufts/cm²) is lower than in the Vetbed Original (45 fleece tufts/cm²) and very similar to the Vetbed Gold (32 fleece tufts/cm²).

Jane Batcheller, PhD
Textile Technologist