



TEST REPORT

DATE: 02/15/2013

TEST NUMBER: 154828

CLIENT	Avant Contract
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TEST METHOD CONDUCTED	ASTM D7570 Evaluation of Dimensional Stability of Pile Floor Coverings
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	AMFL Flux
CONSTRUCTION	Multi-Level Loop Pile
BACKING	ReNova

GENERAL PRINCIPLE

This test is designed to examine dimensional changes in textile floor coverings due to various conditions of heat and moisture. Measurements are taken in the length and cross directions of the test sample after each treatment. A change in the dimension of the test sample is calculated as a percentage of the original preconditioned sample measurement. Shrinkage is indicated by a negative quotation while expansion is indicated by a positive quotation.

TEST RESULTS

	Measurement	Percent		Measurement	Percent
M ₀	24.0315	-----	C ₀	24.0335	-----
M _{T1}	23.9980	-0.139%	C _{T1}	24.0275	-0.025%
M _{T2}	24.0375	+0.025%	C _{T2}	24.0285	-0.021%
M _{T3}	23.9845	-0.196%	C _{T3}	24.0255	-0.033%
M _{T4}	23.9915	-0.166%	C _{T4}	24.0200	-0.056%

M ₀	Original measurement in machine direction
C ₀	Original measurement in cross direction
T ₁	Two hours in drying oven at 60° C
T ₂	Two hours submerged in 0.1% detergent solution at 20°C
T ₃	Twenty four hours in drying oven at 60°C
T ₄	Forty eight hours conditioning at 20°C and 65% relative humidity

APPROVED BY:

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