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TEST REPORT

CLIENT:	Cantor Colburn LLP	REPORT NUMBER:	50314E
	20 Church Street, 22 nd Floor	LAB TEST NUMBER:	2271-6374
	Hartford, CT 06103	DATE:	December 7, 2010

TEST MATERIAL:

Material ID
¼" Textured Resilient Flooring

INTRODUCTION: Testing Services Inc was instructed by the client to evaluate the tensile properties of vulcanized rubber and elastomers.

TEST METHOD: ASTM D412: Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers

PROCEDURE: Five dumbbell shaped Die "C" was die cut from the sample lot and allowed to condition 24 hrs at 70°F 65% RH. After conditioning was met, each specimen thickness was measured in three locations and averaged, using a micrometer. Additionally, benchmarks were scribed 1" equidistant from the center of each specimen for jaw location when loaded into an Instron CRE Tensile Tester. The specimen was then loaded into a lower and upper jaw of the Instron and pulled at a rate of 20"/minute until rupture occurred. The lbs/force and % elongation was recorded at rupture. The cross sectional area was computed using: average thickness of the specimen X 0.50 (distance of restricted area of die where rupture occurred). From this, the tensile strength was computed using: lbs/force @ rupture / cross sectional area.

TEST DATA:

Specimen #	Tensile Strength	Elongation
1	1650.75 psi	115.80 %
2	1705.97 psi	130.80 %
3	1738.06 psi	145.10 %
4	1744.78 psi	150.90 %
5	1633.58 psi	112.30 %
Average	1694.63 psi	130.98 %

Approved By:

 Erle Miles, Jr. VP
 Testing Services Inc