



# TEST REPORT

DATE: 09/01/2011

TEST NUMBER: 141757

CLIENT	United Plastics Corporation
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TEST METHOD CONDUCTED	ASTM F970-07 Standard Test Method for Static Load Limit
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	5 Samples

### GENERAL PRINCIPLE

This test determines the recovery properties of resilient floor covering after long term indentation test (24 hours) under a specified load.

### PROCEDURE

The test sample is conditioned to equilibrium at 73° F and 50% relative humidity. The initial thickness of the sample is determined using a dial micrometer with a flat presser foot .250 inches in diameter. A specified load is applied to the sample over a 1.125 inch diameter indenter foot for 24 hours. After removal of the load, the sample is allowed to recover for 24 hours. The sample is regauged using the .250 inch diameter presser foot. The difference between the two measurements is reported as the residual compression.

### TEST RESULTS

TEST #	WEIGHT	TILE TYPE	LUAN	UNDERLAY	COMPRESSION OF FLOOR SYSTEM	INDENTATION OF FLOOR SURFACE
1	250 lbs.	LVT	NONE	NONE	.000 Inch	
2	250 lbs.	LVT	0.25	dB Flooring Pro	.018 Inch	
3	250 lbs.	LVT	NONE	dB Flooring Pro	.021 Inch	.002 Inch
4	250 lbs.	NONE	NONE	dB Flooring Pro	.014 Inch	

TEST #	WEIGHT	TILE TYPE	LUAN	UNDERLAY	COMPRESSION OF FLOOR SYSTEM	INDENTATION OF FLOOR SURFACE
1	500 lbs.	LVT	NONE	NONE	.003 Inch	
2	500 lbs.	LVT	0.25	dB Flooring Pro	.020 Inch	.001 Inch
3	500 lbs.	LVT	NONE	dB Flooring Pro	.022 Inch	.002 Inch
4	500 lbs.	NONE	NONE	dB Flooring Pro	.024 Inch	

APPROVED BY:

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