



### TEST REPORT

DATE: 03-23-2023

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TEST NUMBER: 0295655

CLIENT	Lions Floor
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TEST METHOD CONDUCTED	NALFA Assembled Joint Surface Swell Test
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Comfort Heights
COLOR	Country Aura
ROLL NUMBER	SKU: LI-CH07
CONSTRUCTION	Laminate Flooring

#### GENERAL PRINCIPLE

The submitted locking planks were assembled to have an end joint and two edges in order to form a "T" joint. A 9mm deep pool of liquid was held over T joint by 4" diameter PVC ring sealed to sample with sealing compound. The volume of liquid used was 100 ml. The sample was held under the applied liquid for 24 hrs. Visual evaluation and swell measurement were performed initially and after conclusion of test. The thickness was measured by calibrated gauge over 4 marked areas of the seam. This test was conducted using water.

#### TEST RESULTS

SAMPLE #1	Position 1	Position 2	Position 3	Position 4
Wet Swell	0.031 mm	0.009 mm	0.027 mm	0.013 mm
Recovery Swell	0.015 mm	0.000 mm	0.011 mm	0.004 mm

QUALITATIVE RATING WET SWELL	1
QUALITATIVE RATING RECOVERY SWELL	1

SAMPLE #2	Position 1	Position 2	Position 3	Position 4
Wet Swell	0.026 mm	0.000 mm	0.035 mm	0.007 mm
Recovery Swell	0.010 mm	0.000 mm	0.016 mm	0.000 mm

QUALITATIVE RATING WET SWELL	1
QUALITATIVE RATING RECOVERY SWELL	1

QUALITATIVE RATING KEY	
1	No change – No noticeable change in edge swell or panel surface lift
2	Slight swelling – Slight swelling, small ridge along one or more joints, very little if any panel surface lift
3	Significant - Noticeable edge swelling and some panel surface lift extending away from joint
4	Objectional – Severely raised edge and swelling extending noticeably under the panel surface
5	Invalid Test – Water leaked out of the ring, leaving no continuous film of water inside the ring (this grade is given even if there is no swell of the edge joint)

**\*NOTE: No penetration occurred through the seam.**

APPROVED BY:

This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical of similar products. This report, or the name of Professional Testing Laboratory Inc. shall not be used under any circumstance in advertising to the general public.



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