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ANALYSIS REPORT
SCC Accreditation No.: 40‡

Mr. Steve Sennik
DMX Plastics Limited

Date: April 6, 2020
Report: 4701-022S-3A-en

IDENTIFICATION:	Testing of Laminate floor underlayment per NALFA Specification: DMX 1-Step 2.0 Received: April 6, 2020	
STANDARD:	NALFA - Specifications and test methods for Laminate Floor Underlayment	NALFA UL 01-2015
TEST:	Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus	ASTM C518-17‡
TEST CONDITIONS:	Apparatus used: Laser Comp. Heat Flow Meter Instrument FOX304; Date of test: January 16 and 17, 2020	

RESULTS:	Individual Data			Avg.	S.D.	% CV
Lower temperature (°C):	35.01	35.01	35.01	**35.01**	0.00	**0.0**
Upper temperature (°C):	12.01	12.01	12.01	**12.01**	0.00	**0.0**
Mean temperature (°C):	23.51	23.51	23.51	**23.51**	0.00	**0.0**
Specimen thickness (mm):	4.73	4.81	4.70	**4.75**	0.06	**1.2**
Mean conductivity (W / (m.K):	0.0474	0.0478	0.0477	**0.0476**	0.0002	**0.4**
Thermal resistance ((m².K) / W):	0.09979	0.1006	0.09853	**0.09964**	0.00104	**1.0**
Thermal resistance ((hr.°F.ft²) / BTU) - "R value":	0.5666	0.5714	0.5595	**0.5658**	0.0060	**1.1**
Thermal conductance (W / (m².K):	10.02	9.938	10.15	**10.04**	0.11	**1.1**
Thermal conductance (BTU / (hr.°F.ft²)):	1.765	1.750	1.787	**1.767**	0.019	**1.1**
Density (kg/m³):	144.7	142.5	153.3	**146.8**	5.7	**3.9**

REQUIREMENTS: Thermal Resistance (R-value) requirement: none

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Date: April 6, 2020

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