

ANALYSIS REPORT
SCC Accreditation No.: 40‡

Mr. Hans Sennik
DMX Membranes Limited

Date: December 17, 2025
 Report: 4701-076S-2A-en

IDENTIFICATION: DMX SoundGuard: IIC 74
 Received: October 31, 2025

STANDARD:

TEST: Gravimetric Determination of Water Vapor Transmission Rate of Materials ASTM E96/E96M-24a

TEST CONDITIONS:

Procedure B: Water Method ;
 Average test temperature in the test chamber (°C): 22.46
 Average relative humidity in the test chamber (%): 50.16
 Exposed Area: 63.62 cm² ;
 Type of container: Aluminium ;
 Composition of sealant: Bitumen and microcrystalline wax
 The specimen side on which the higher vapor pressure was applied: White side
 The section of the curve used to calculate WVP is presented in Annex ;
 Note 1: Calculation based on the density of liquid water ;
 Date of test: From November 6 to December 15, 2025

RESULTS:	Individual Data			Avg.	S.D.	% CV
Specimens thickness (mm):	1.1938	1.1938	1.2192			
With Corrections for Resistance due to Still Air and Specimen Surface ;						
Water Vapour Transmission (g/m ² ·24h):	0.0530	0.0580	0.0510	0.0540	0.0036	6.7
Permeance (ng/m ² ·s·Pa):	0.456	0.499	0.435	0.463	0.033	7.0
Water Vapour Transmission (grains/h·ft ²):	0.003	0.004	0.003	0.003	0.001	17.3
Permeance (grains/h·ft ² ·in Hg) (perms):	0.008	0.009	0.008	0.008	0.001	6.9
Permeability, note 1 (E-12 cm/s):	0.530	0.580	0.521	0.544	0.032	5.8

Prepared by:

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 Omar Kamla, Eng.
 Project Leader

Date: December 17, 2025

** Any question regarding this report or its authenticity? Please contact Omar Kamla **

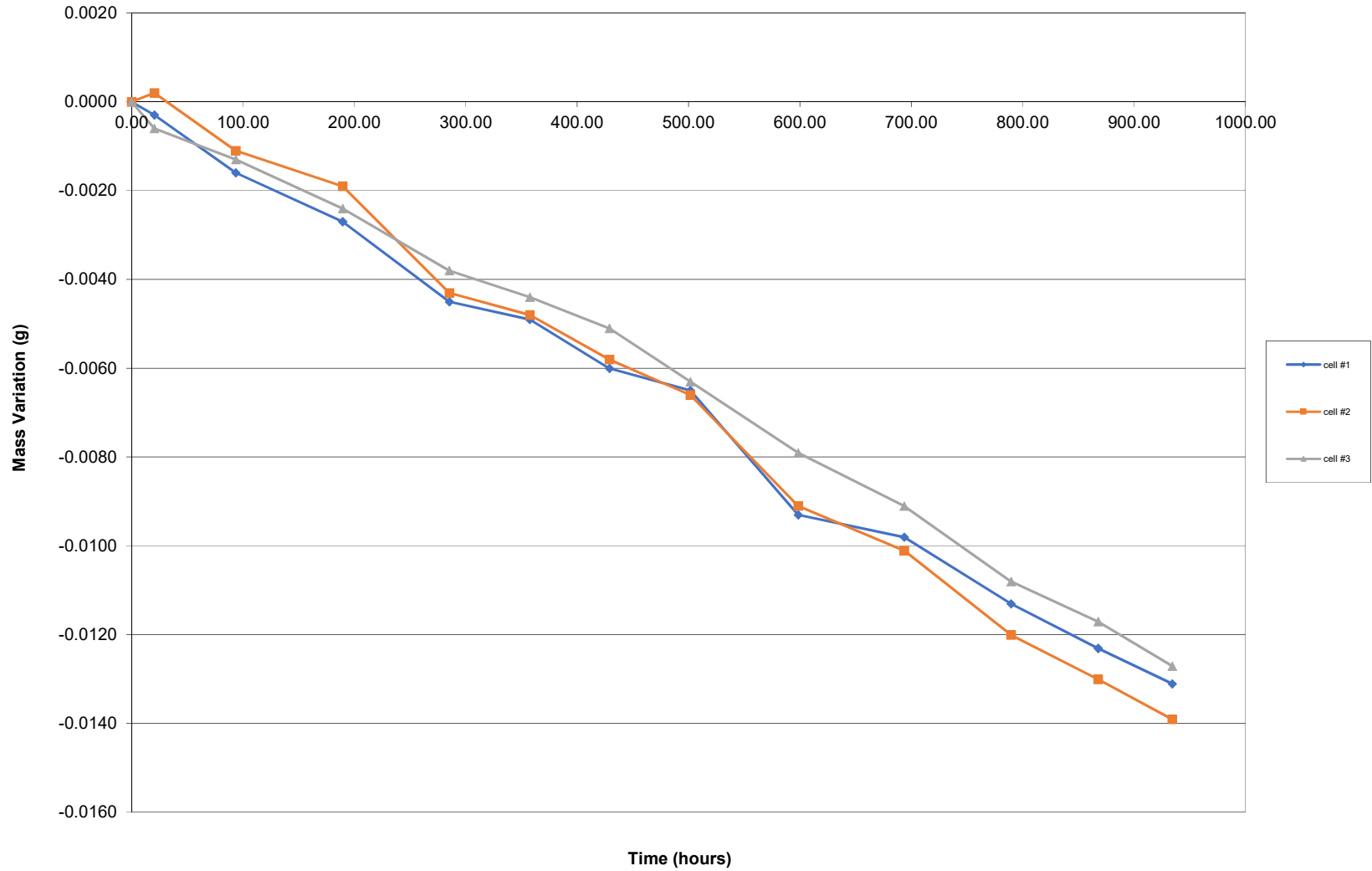
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ASTM_E96_4701-076S # IIC-74

Mass Variation (corrected)



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