



17. ASTM E96-00 - WATER VAPOR TRANSMISSION

TEST REPORT
Water Vapor Transmission of Insulation Materials
Dubai Central Laboratory
 Engineering Materials Laboratory Section - Structural Unit

Doc Ref. : F-EM-2053-3
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REPORT NO.	: 2011027350	DATE	: 09/05/2011
WEB REQUEST NO.	: -	SAMPLE NO.	: 2011022081
REQUEST NO.	: 2011017703		
PROJECT NO.	: PS-1354		
PROJECT NAME	: TESTING SERVICE FOR ASAWA INSULATION PVT LTD-INDIA		
CONSULTANT	: NO SPECIFIC CONSULTANT		
CONTRACTOR	: NO SPECIFIC CONTRACTOR		
LOCATION	: ASAWA INSULATION PVT LTD - KHOPOLI, INDIA		
SOURCE	: ASAWA INSULATION PVT LTD - KHOPOLI, INDIA		
SAMPLE DESCRIPTION	: POLYISOCYANURATE INSULATION BOARD		
SAMPLE TYPE	: NG	NOM. THICKNESS (mm)	: 20
SUPPORT / FACING	: ALUMINIUM FOIL ON BOTH SIDE.	NOM. DENSITY (kg/m ³)	: NG

Date of Sampling	: 12/04/2011	Time	: -	Lot No.	: NG
Date of Receiving Sample	: 18/04/2011	Time	: 11:30	Lot Size	: NG
Size of Sample	: 7 pcs.	Area No.	: -	Sender No.	: NG

DATE OF SPECIMEN RECEIVED	18/04/2011
NOMINAL THICKNESS OF SPECIMEN (mm)	20
TEST METHOD USED	DESICCANT METHOD
TEST ROOM TEMPERATURE & RH	23±1°C, 50±2% RH
TEST STARTED DATE & TIME	26/04/2011 @ 10:00 AM
TEST DURATION (h)	216

SPECIMEN NO.	1	2	3
MEASURED THICKNESS (mm)	20.8	20.7	20.8
MEASURED DENSITY (kg/m ³)	65.3	65.3	64.5
WATER VAPOR TRANSMISSION (g/h· m ²) - *METRIC UNIT	0.000	0.000	0.000
PERMEANCE (g/Pa· s· m ²) - *METRIC UNIT	0.00E+00	0.00E+00	0.00E+00
WATER VAPOR TRANSMISSION (grains/h· ft ²) - *INCH-POUND UNIT	0.00	0.00	0.00
PERMEANCE (perms) - *INCH-POUND UNIT	0.00	0.00	0.00
AVG. WATER VAPOR TRANSMISSION (grains/h· ft ²) - *INCH-POUND UNIT	0.00		
AVG. PERMEANCE (perms) - *INCH-POUND UNIT	0.00		

SAMPLED BY	: SHYAM (Manufacturer)	TESTED BY	: SUBER DUDDIYANDA
SAMPLES BROUGHT IN BY	: COURIER		
SAMPLING METHOD	: NOT GIVEN		
SAMPLING REPORT NO.	: NG		
TEST METHOD	: ASTM E96-00 e ¹		
TEST METHOD VARIATION	: NIL		
REMARKS	: THIS REPORT REPRESENTS THE SUBMITTED SAMPLE ONLY.		

VERIFIED BY
HEAD OF UNIT

This report is computer approved. It does not require any signature
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