



ETL SEMKO

Test: Water Vapor Transmission
 Test Date: 9/6/2007 through 9/13/07
 Client: LaPolla Industries, Inc.
 Project #: 3131242
 Product: **LaPolla Foam Lok FL2000 Wall Foam, 2 lb. density 1" thickness**

Test Standard(s): ASTM E96-05 *Standard Test Methods for Water Vapor Transmission of Materials*
 Test Method: Desiccant
 Specimen Size: 4-1/2" diameter circle x **1" thick**
 Test Temperature: 23 degrees C (73.4 degrees F)
 Relative Humidity: 50 +/- 2%
 Saturation vapor pr: 21.08 mm Hg (@ 23 deg C) 2810 Pa
 Vapor pr. Difference: 10.54 mm Hg 1405 Pa
 Cup Type: PVC cup - 4-1/4" I.D., 1-3/4" deep
 Sealant Type: Beeswax & Foil tape
 Equipment: Mitutoyo 6" Dial Caliper - ES Mid #0738 (calibration due 11/16/07)
 Ohaus Explor Mass Balance - ES Mid #1000 (calibration due Feb-08)
 Envirotronics USA Environment Test Chamber - ES Mid #784 (calibration due Jan-18-08)
 Engineer/Technician: Emily Tucker

Specimen	AVERAGE		AVERAGE			
	WVT (g/h.m ²)	WVT (g/h.m ²)	Permeance (g*Pa ⁻¹ *h ⁻¹ *m ⁻²)	Permeance (g*Pa ⁻¹ *s ⁻¹ *m ⁻²)	Permeance (Perms)	Permeance (Perms)
Cup #19	0.645	0.568306	4.589386E-04	1.27483E-07	2.23	1.966
Cup #21	0.470		3.344807E-04	9.29113E-08	1.63	
Cup #29	0.590		4.200455E-04	1.16679E-07	2.04	



