

Certificate of Analysis



Permeance

Product Name	Elastuff 310
Batch Number	Part A: 97881, Part B: 97880
Manufacture Date	21 May 04
Test Date	28 June 04
Application/Date	10 June 04 / 160° F. material temperature at 3000 psi pump pressure
Test Method	ASTM D-1653 Water Vapor Transmission of Organic Coating Films Method B
Test Conditions	As per ASTM standard. Any deviation reported at end of certificate.

This certificate confirms that the above product was tested as per stated standard specification using calibrated equipment and qualified staff. The following test results were obtained.

Test Results

Parameter	Thickness	Unit	Result
Permeance	0.041"	g / Pa·s·m ²	3.60E-07

Test conditions (if different from standard test conditions) and/or notes.

Results represent units as per ASTM E-96
Results represent average taken from 3 samples.
Temperature and Humidity: 23° C. / 50% RH.
Samples cut from films produced from spray out.
Sample Cure Time: 38 days at ambient lab temperatures.

Results witnessed and verified by a technical representative of GeoEngineers, Inc.

Reviewed by:
Timothy D. Barber