

1. Product Description

Vapour barrier protects homes by preventing water vapour from escaping from the building envelope. Leaking vapour barrier can lead to condensation in the walls and wood rot. In Canada the Canadian General Standards Board (CGSB) developed a standard for greatly improved vapour barrier that is now a requirement of the building code for new home construction. Film made to meet the requirements of CAN/CGSB-51.34-M86 has clearly defined and tested properties which can only be achieved with first quality ingredients and careful manufacture and testing. The film also needs to contain stabilizers that are designed to ensure that the film will last the lifetime of the house.

For a product that meets ASTM E1745 Class A requirements, please see our VaporFlex® product page [here](#).

2. Technical Data

Materials information is on page 2.

3. Availability and Cost

Available from Layfield or distributors. Call
425-254-1075 Pacific time
780-453-6731 Mountain time
905-761-9123 Eastern time

CGSB Vapour Barrier

4. Manufactured For

Layfield USA Corp.
Layfield Canada Ltd.

5. Warranty

Products sold will meet Layfield's published specifications at time of sale. Full warranty details are available from Layfield.

6. Filing Systems

7. Manufacturing Specifications

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Specifications	Min	Max	Units	ASTM Standard	Layfield Typical Values
Resin Density	0.905	0.930	g/mL	D 1505	0.920
Resin Melt Index	-	1.5	g/10 min.	D 1238	0.9
Tensile Strength - MD/TD	12/8	-	MPa	D 882 A	13.5/9.5
Elongation - MD/TD	225/350	-	%	D 882 A	450/600
Thickness	150/120 min	-	Microns	D 2103	6 mil +/-10%
Dart Impact	300	-	Grams	D 1709	425
Oxidative Induction Time	30 min @ 190 C	-	Minutes	D 3895	47 min

*** Values expressed in the above table are averages of historical runs across the entire Vapour Barrier product range, not absolute target values