

To: Whom it may concern

Date: August 17, 2010

Dear Sirs,

This letter is to confirm that ThermoSeal 500 open cell foam should not be used with a vapor barrier stapled to the interior. ThermoSeal 500 is designed to allow vapor to diffuse through the foam as not to be trapped and build condensation.

The old building codes have been known to be flawed and building failures have known to be present where a vapor barrier has been installed over 1/2lb foam. This is why the new 2009 codes have come up with R601.3.1 where in zones 4c, 5, 6 and 7 any foam with a vapor permeance of 10 or less is permitted without a vapor barrier.

Vapor drive travels from hot to cold and if a vapor barrier is placed over 1/2lb open cell foam, in the summer months in these climate zones, when air conditioning is used, vapor will travel from outside to inside and be trapped by the vapor barrier creating condensation, moisture build-up and possible building failure.

If a vapor barrier is installed over ThermoSeal 500 the warranty will be void.

Please feel free to call me with any questions.

Best Regards,

Richard W. Ettinger  
General Manager  
SprayFoamPolymers  
Phone & fax: 800.853.1577  
[richard@sprayfoampolymers.com](mailto:richard@sprayfoampolymers.com)  
<http://www.sprayfoampolymers.com>