

# Vapor Paint Form

## Certificate of Application

This certifies that Vapor Retarder Paint with a perm rating below 1.0 was applied to the following structure: \_\_\_\_\_

Paint Manufacturer: \_\_\_\_\_

Dilher Material approval number (if applicable): \_\_\_\_\_

Supplier: \_\_\_\_\_

Gallons Used \_\_\_\_\_ Labels Submitted?  YES  NO

Ceilings (Total Square Feet Covered) \_\_\_\_\_

Walls (Total Square Feet Covered) \_\_\_\_\_

Number of Gallons used on 1<sup>st</sup> Coat: \_\_\_\_\_ 2nd Coat: \_\_\_\_\_

Application made by (name): \_\_\_\_\_

Address: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## **Box Sills**

Question: Is a vapor retarder required over insulation in the box sill?

Answer: This section requires that a vapor retarder be provided wherever thermal insulation is installed. In the past, the department has conceded that vapor retarder would not be effective in the box sill areas because of the numerous joints involved. It is still recommended that a vapor retarder be provided in these areas if an effective barrier can be placed. A good alternative in this area would be rigid foam board with foil facing or foamed-in-place insulation.

### **PAINT AS A VAPOR RETARDER**

Advances in paint chemistry have made certain paints available to contractors which, when applied at a conventional spread rates, provide a vapor retarder with a perm of 1 or lower. (At this time, none are known with a perm rating of .1 or lower so this discussion applies to vapor retarders for non-electrically heated homes.)

This department has approved vapor retarder paints for application meeting the intents of s. ILHR 22.05. The evaluation method used to determine the acceptability of the paint is based on the paint's:

1. Perm rating based on ASTM test E-96.
2. Scrub ability as based on ASTM test D-2486.
3. Evaluation of manufacturer's recommendation for the paint's use.
4. Labeling of all paint containers.

All test results submitted shall be from recognized independent testing agencies. The department feels that the above assures that specifically approved manufacturer's products will perform and not break down if applied as instructed by the manufacturer.

Two coats of vapor retarder paints are required to take into account variances in field application. Also any texturing must be applied after the vapor retarder paint.

In order to assure building officials and owners that vapor retarder paint has in fact been installed and the intent of s. ILHR 22.05 met, a certificate of compliance (see following sample certificate) may be filled out and submitted to the building official with a copy to the owner. In addition to the certificate, the contractor should provide the inspection agency with the labels from the paint cans that were used by the applicator.