

## 07 26 00 – Vapor Retarders

### 1. General

- A. The National Roofing Contractors Association (NRCA) and the major roofing material manufacturers recommend serious consideration of a vapor retarder on any roof where the outside average January temperature is 40°F or less and the interior relative humidity will be 45% or greater. The responsibility will be with the Consultant to determine if the conditions will apply to a particular project.
- B. Vapor retarder materials or systems are of three general types: bituminous, nonbituminous and plastic film. Vapor retarder materials must be compatible with the insulation and membrane system.
- C. Vapor retarders shall be used only when absolutely necessary as they tend to hide leaks in a roof system until large areas of insulation become wet. This results in an increase in the size of the damaged roof area and translates into an increased cost for repairs.
- D. For further guidelines, consult the NRCA Roofing Manual.