In unventilated wall cavities, the exterior covering and/or sheathing may have a combined permeance of less than 5.0 perms, provided that there is a vapor barrier of one perm (dry cup method) or less on the warm side of the wall, and that neither the sheathing nor the exterior covering have an individual perm rating of less than the vapor barrier installed on the warm side of the wall. When no vapor barrier is installed on the warm side of the ventilated wall cavity, the combined permeance of the covering and/or sheathing shall be not less than 5.0 perms.