

# Condensation on the outside of my windows

I have noticed condensation on the outside glass of my windows at certain times is this a seal failure?

No, if this were a seal failure there would be a permanent film deposited on the glass surfaces that are sealed; surfaces 2 or 3.

The situation described may occur when there is a period of very high relative humidity and a rapid drop in temperature, (it may be only a few degrees). This causes the exterior surface of the glass (surface 1) to cool to below the dew point of the relative humidity thus producing condensation.

There does not appear to be as much condensation where the grids are.

The grids are a better conductor than the airspace between the glass. The grids will conduct some of the warmth from the interior of the house out to the outer pane of glass. This may be enough to keep that area above the dew point and show less or no condensation.

