

HOMEOWNER ASSISTANCE

Condensation Tips

all about you.



CONDENSATION

During our cold winters, there most often is a large temperature difference between the inside of a home and the outside. Warm moist air drops down when it gets close to a cool surface, and when the temperature reaches its dew point, moisture will occur. Insulating glass tends to have lower temperatures than other surfaces in your house, therefore it is typically the first place that you'll notice condensation in your home. This is not due to a defect in your window or door, it is simply a indication of high humidity in your home.

Causes of condensation can include humidity levels that are too high, uneven heat distribution throughout the home and poor circulation around your new windows and doors. To determine how much moisture is in your home you can purchase inexpensive hygrometer from your local hardware store. Place the hygrometer in your home for a few days and record the readings each day – then compare your data to the chart below.

| Outside Air Temperature °C | Recommended Relative Humidity Inside Temperature of 20°C |
|----------------------------|--|
| -30° or below | 15% |
| -30° to -24° | 15% to 20% |
| -24° to -18° | 20% to 25% |
| -18° to -12° | 25% to 30% |
| -12° to -6° | 30% to 35% |
| -6° to 0 | 35% to 40% |

To help minimize condensation, ensure your window weatherstripping is performing properly and locks are pulling the sash tightly to the frame. Keeping drapes and blinds open will help promote improved circulation around your windows, and reduce the potential of condensation.

For more information on humidity go online to Canadian Office of Energy Efficiency – www.oeenrcan.gc.ca

To contact Durabuilt Service call us at: 1.844.577.2049 or email servicerequest@durabuiltwindows.com