

Demystifying INTERIOR AIR QUALITY

(I.A.Q.)

How the Arxx™ High Performance Wallsystem can contribute to a truly “healthy” home.

When building your new home, it is important to consider what kind of environment you want to live in. On average, North Americans spend 90% of their time indoors, and experts agree that the IAQ of most homes is worse than the air at the busiest intersection.

The IAQ Problem

The following statistics help to illustrate the magnitude of this problem:

- › 8% of North Americans are “environmentally hypersensitive”
- › 63% of Canadian households include at least one person suffering from a respiratory ailment
- › 44% of U.S. households include at least one person suffering from a respiratory ailment
- › 67% of Canadian households are afflicted with excessive humidity problems
- › 41% of U.S. households are afflicted with excessive humidity problems

Reactions to indoor air pollutants can vary from eye, ear, and nose irritations to headache, coughing, runny nose, lethargy, and difficulty sleeping. In order to combat these problems, it is important to provide your new home with effective atmospheric control. **Using Arxx as the choice for your building envelope can significantly add to the level of atmospheric control you attain.**

The Arxx Solution

5 ways the Arxx Wallsystem can help to eliminate problems associated with poor IAQ:

1. The monolithic concrete structure of your Arxx wall is much more airtight than a wood framed wall. When coupled with a properly sized HVAC system excess humidity can be controlled.
2. Because an Arxx home is essentially a sealed unit, fresh air is brought into the home only through the HVAC system, allowing you a greater measure of atmospheric control.
3. Moisture does not build up in a well insulated, waterproofed Arxx basement. This results in a warm, dry basement which is not conducive to mold and mildew growth.
4. The expanded polystyrene insulation in an Arxx wall does not release fibers that can be inhaled and cause lung damage. Glass fiber batt insulation is now classified as a possible cancer-causing agent.
5. Exposure to manufactured wood products used in wood based walls is greatly reduced in an Arxx home. This minimizes exposure to Volatile Organic Compounds (VOC's).

Arxx – The Healthy Choice

Many people concerned with IAQ have already chosen Arxx as the healthy choice in their new homes. Those with severe allergies, or environmental hypersensitivity, can find relief in an Arxx home. Arxx Building Products, the manufacturer of the Arxx Wallsystem, is proud of this distinction and will continue to contribute to making North American homes as healthy as possible.

For more information about how Arxx can be a part of the IAQ solution in your new home, please feel free to call us or visit our website.

1.800.293.3210 | www.arxxbuild.com

