

The Official Newsletter of "KTE" - Kwan Tai Engineering



Moulds spores trigger allergies, asthma attacks, irritations your eyes, nose and throat.

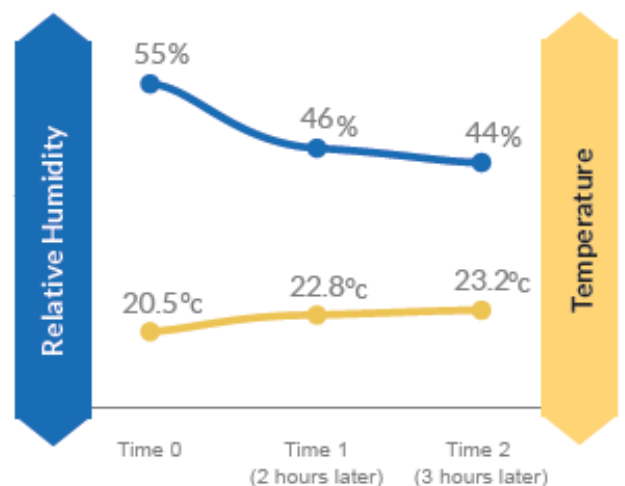
Solution

- The floor heating system is the solution to the high indoor humidity during rainy seasons around Spring and Summer. When the room temperature increases by 1 °c, the relative humidity level drops by 4-5%.
- This can also prevent the growth of mildews and moulds, alleviating skin and respiratory allergies.
- Moisture will be heated up through the floor to balance the overall indoor humidity. This avoids cold and humid air from setting onto the ground and stops indoor moulds.

Problem

The biggest problem of bathrooms is the high humidity level, which cause various moulds, harmful bacteria and dust mites. They release mould spores into the air you breathe throughout the day. Some of these spores can trigger allergies, asthma attacks, irritations your eyes, nose or throat, and bring on a whole bunch of other respiratory problems. Children and elderlies are more susceptible to moulds as an allergen and aggravates existing respiratory conditions.

Humidity level drops as room temperature rises



Test conducted by Pentasun Greentek Co., Ltd

For details: www.kte-floorheat.com

Toilet Renovation WITHOUT demolish existing tiles

Before



After



Case Background:

Location: A dilapidated bathroom in a warehouse

Client requirements: Minimal demolition, reducing labour costs & building wastage.

Our suggestion: Renovated with SPC flooring & wall panels without demolishing the existing wall tiles/floor

* Renovated with full demolition, plastering and ceramic tiles

Working days: 3 days

* At least 10 days

* traditional renovation method

at least
1/2
time
saved

vs. traditional method

new
concept



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