

MICROVENTING

D.L.Couch wallcoverings offer enhanced color, texture & design with unmatched durability. Microvented wallcovering takes this to the next level by adding **moisture-controlled functionality**.

Microventing is a technological process used in congruence with vinyl that allows vapors to pass through wallcovering. Microventing helps eliminate the risk of accumulating excess moisture that can potentially cause mold and mildew. During the microventing process, tiny holes are punctured through the surface allowing the material to breathe. *The most accurate way to tell if a wallcovering is microvented is to hold it up to a light source, making the tiny holes visible.*

PERMEABILITY

There are different classifications of permeability ratings that may be used based on geographical locations and climates. The type of climate and whether the walls are interior or exterior determine the microventing options. Exterior walls are typically what need microvented. This is especially true in southern climates where high temperatures and high humidity often force water vapors to move from the outside through exterior walls.

APPEARANCE

The overall appearance of microvented wallcovering remains unaltered, keeping the same physical performance and durability as un-microvented wallcovering, yet allows the wallcovering to breathe.

TESTING

There are two types of tests that can be conducted to measure permeability, Dry Cup or Wet Cup Testing:

Dry Cup Testing is conducted with the test material mounted to gypsum like material, with one side of the test material at 0% relative humidity and the opposite side at 50% relative humidity.

Wet Cup Testing is conducted on a non-mounted sample with one side of the test material at 50% relative humidity and the opposite side at 100% relative humidity.

** Tests are conducted in a controlled environment to ensure accurate results.*