



DUPONT™ TYVEK® MATERIALS ARE ENGINEERED TO HELP BUILDERS AND ARCHITECTS PRODUCE SUSTAINABLE GREEN BUILDINGS THAT COST LESS TO OPERATE, ARE EASIER TO MAINTAIN AND PROVIDE BETTER COMFORT

Energy reports find that up to 40% of the cost of heating and cooling a building is wasted by uncontrolled air leakage. DuPont™ construction products work together to help seal the building envelope, reducing air leakage, while allowing moisture vapour to escape. This helps prevent the formation of mould and mildew for safer, more energy-efficient structures.



Economic Benefits and Energy Savings

DuPont™ Tyvek® weather-resistant barriers help to protect the installed R-value of insulation. Regardless of the thickness of the insulation or the type of sheathing used, including tongue-and-groove sheathing and airtight drywall, DuPont™ Tyvek® helps eliminate air leaks. Sealing the building envelope with DuPont™ Tyvek® helps reduce the overall operating costs for a building. In addition, protecting the wall cavities from bulk water prevents deterioration, increasing the asset value of the structure. Improved indoor air quality and increased insulation value provide a healthier, more comfortable environment.

Healthier Indoor Air

The fibrous structure of DuPont™ Tyvek® is specially engineered with microscopic pores that allow moisture vapour to escape the wall cavity, but are so small that bulk water and air cannot penetrate the building envelope. Better ventilation of wall cavities prevents the formation of mould and mildew, improving indoor air quality. Reducing the air flow from outside to inside also minimizes temperature differences for greater comfort.

Durability

DuPont™ Tyvek® reduces uncontrolled air leakage which allows for the optimization of HVAC systems. This improves the total life cycle of a building by providing operational system efficiency and protection from corrosion and mould growth.

Safety

DuPont™ Tyvek® weather-resistant barriers help to protect the building occupants and workers on the job site. DuPont™ Tyvek® is easy to install and requires no special protective apparel during installation. By reducing the potential for mould and mildew in the wall system you reduce the risk of occupant illness, increasing productivity and comfort level.