

# DURABUILD DOOR FEATURES

## DuraBuild Doors

### Construction

DuraBuild doors are built without failure points. Our high-tech film wraps around the door frame and is permanently held in place when the center panel is inserted and the door is assembled. It's a superior design.

#### DuraBuild Door



### Heat Resistance

DuraBuild doors are impervious to heat up to 212 degrees. Try it. Put a sample in your oven at home for as long as you like.

### Water Resistance

The film used in DuraBuild doors is permanently 100% waterproof. We've tested our assembled doors by splashing them, dunking them, leaving them in the rain for weeks, and placing them in 100% humidity test chambers for up to 30 days.

### Warp Resistance

DuraBuild doors are perfectly balanced, meaning they have exactly the same material on the front and back. They are very stable and highly resistant to changes in temperature and humidity.

## Thermofoil Vinyl Doors

Thermofoil doors are fiberboard with a vinyl film glued on one side. If this glue loosens over time, the vinyl delaminates or peels off the front of the door. Age and heat exposure are common causes of delamination.

#### Standard Thermofoil Door



Thermofoil doors use a heat sensitive glue. The heat from an oven, stove, or dishwasher can soften this glue and cause delamination. Test a sample in your oven.

The joint between the vinyl face of a thermofoil door and the melamine back is a weak point for moisture penetration. Hanging a wet dishtowel over a thermofoil door can be enough moisture to cause swelling damage. These doors very frequently fail the Kitchen Cabinet Manufacturers' Association (KCMA) water resistance test.

Thermofoil doors have vinyl on the front and a thin melamine coating on the back. This causes heat and moisture to penetrate at different rates, stressing and warping the door. It's an inherently unbalanced construction.

## APPEARANCE

Traditional doors look like authentic, fine cabinetry. They have sharp square corners. The grain direction on the moldings matches the direction in a real wood door. The back and front match perfectly. Thermofoil can't economically offer any of those features.

