



## Archway Energy Advantage

Energy Saving and Better Living!

### Exterior Barrier

An extensive exterior barrier package is included every home that we build to prevent drafts and helps homeowners save money throughout the year. A moisture wrap barrier helps keep moisture from penetrating the wall panels on the exterior of the home. The full seal insulation package around the home includes spray foam insulation into small spaces from which heat escapes. There is an independent third party inspection completed on every house to test the thermal bypass on all exterior walls to ensure the home wrap was installed correctly.

### Insulation

Each home comes with an extensive insulation package which includes a pre-mechanical seal package for greater building envelope performance and a full post-mechanical and drywall seal package to ensure minimal air leakage throughout the home. All walls, sloped ceilings, and attic spaces have a complete insulation coverage up to R-30 in some areas. All of this insulation equals an energy efficient home that will help you save money on utility bills.

### Attic

The roof of the home is built with the LP Foil Back TechShield, which "reduces monthly cooling cost by blocking up to 97% of the radiant heat in the panel from emitting into a home's attic, lowering attic temperature by up to 30 degree F." Blown R-30 insulation throughout the entire attic with batons prevents insulation falling out and helps keep home energy cost down. Source: LP Building Products Website



### LP Techshield



### Windows

Every Archway home comes with LoE(2) windows part of the standard package. These double paned windows allow for heat and energy during the summer time to be reflected and absorbed during the winter months to keep the temperature throughout the home constant. The windows sills are sloped to prevent moisture from entering inside the home.

### Efficient Living

Each of our floor plans maximizes efficiency for living, playing, and studying. Programmable thermostats, carbon monoxide and smoke detectors are installed on every floor to allow homeowners maximum convenience and comfort of safety. Down in the basement, a 50-gallon, quick recovery water heater provides plentiful amounts of hot water throughout the house quickly for comfort. Inside our kitchen, the Frigidaire energy efficient, stainless steel appliances operate quietly providing tranquility throughout the home.

### Heathy Living

Each home is supplied by a mechanical fresh air damper that introduces fresh air into the return system so it can be filtered and redistributed throughout the home. This practice maintains the home under positive pressure ensuring the home does not live with stagnant, non-filtered air. The fresh air damper system allows for a healthy air supply to flow throughout the home; promoting healthier living. A duct blaster and blower door test is conducted by a third party inspector to ensure minimal heating/cooling loss and maximum efficiency.

### Moisture Management

Every bathroom, water closet, and laundry room is installed with a fan that transfers moisture from enclosed spaces to the outside. In addition, the kitchen hood vent is vented to the exterior to help remove moisture and cooking smoke from the home. This system deters the growth of mold and allows for healthier living throughout the home.

### Basement

Every Archway basement is double framed along the concrete walls and insulated with R-11 batts. The exterior walls in the basement are insulated with R-19 for a tight building envelope. The concrete poured wall is coated with a waterproof sealer that is backed with a 10-year warranty from a third party. The 13 Seer Dual Lenox The HVAC unit is located down in the basement for better energy efficiency throughout the house.

\*Archway Custom Homes reserves the right to change features. Final specifications will be listed in the Addendum A to the contract of sale and will override marketing material.