# Materials

The GuardDoor™ is engineered with a variety of strong, durable hi-tech materials like Glass Reinforced Plastic (GRP), and laminated hardwood - all designed to stand the test of time while keeping the warmth inside your home, and the bad weather out.

**Thermally efficient glass units**
All our glazed doors include the same energy efficient glass technology as used in our Eco Diamond window. Argon gas filled units for even better energy performance.

**Toughened glass**
Combined with thermal efficiency, all glass units are toughened as standard to British Standard 12150.

**Insulating core**
A high density, thermally efficient closed cell core, with better heat insulation than wooden or PVCu in-fill doors.

**High impact GRP face**
A 44mm door leaf with impact-resistant protection, and a through colour finish that won't lose its appearance.

**Laminated hardwood sub-frame**
Structurally stronger than a single piece of timber, obtained from sustainable resources.

**Stylish edge protection**
The Safestyle EdgeGuard provides protection to your door edge, and looks good too.

