

# **EXTERIOR DOORS**

## **RESIDENTIAL & COMMERCIAL**

### **AVIENT SOLUTION**

Polystrand™ PETG continuous fiber reinforced composite laminate thermally bonded to steel door skin

### **WHY AVIENT?**

- Improved resistance to corrosion and moisture degradation
- Increased dent resistance up to 60% vs. unreinforced metal
- Enabled reduction in thickness of sheet metal while maintaining structural performance

**[LEARN MORE](#)**



### **KEY REQUIREMENTS**

Reinforcement of steel to reduce weight and provide:

- Corrosion resistance
- Improved dent resistance to withstand windborne debris
- Structural performance to meet regional wind load requirements