

## **PRODUCT SPECIFICATIONS:**

### **Composition:**

Plycem Trims are manufactured with a proprietary process that combines Portland cement, chalk, recycled cellulose fiber, and specialty additives. Wood grain is generated as part of the manufacturing process.

### **Coating:**

Plycem Trims are coated with a specially formulated acrylic water-repellant primer.

### **Technical Data:**

Plycem Trims have been tested according to ASTM C-1186 and ASTM C-1185 standards and are classified as Type "A". Grade 1 fiber cement sheets intended for exterior applications, subjected to the direct action of sun, rain, or snow.

These tests include:

- Frost Resistance after 50 cycles showing no cracks or delamination, and exposed over control specimens flexural strength ratio of 98%.
- Surface Burning Characteristics according to ASTM E-84 showing a flame spread index = 0 and a smoke development index =0.
- Combustibility test according to ASTM E-136 with a weight loss below 50% and passing the no-flame and temperature-difference conditions.

Plycem base sheets used for Trims manufacturing have also received certifications by Underwriters Laboratories for Surface Burning Characteristics and Fire Resistance Characteristics that can be accessed on the UL site.

### **Green Aspects:**

Plycem products are made with 10-11% recycled fiber.

Water used in the manufacturing process is recycled in a 95% ratio.

The products have excellent durability (backed up by a 25 year limited warranty), are impervious to wood boring insects, resistant to UV radiation, have a Class 1 (A) flame spread rating and do not rot.