



# PORTSMOUTH SHAKE

## Certification of Specification

### **DESCRIPTION**

Portsmouth Shake siding looks like wood shingles but does not require the maintenance that is common to wood products. Portsmouth Shake siding is molded from natural cedar wood shingles. Portsmouth Shake siding is appropriate for use in new construction and remodeling.

### **MATERIAL REQUIREMENTS**

Portsmouth Shake siding is produced from a modified (ASTM D 792) outdoor polypropylene copolymer and also known as a reinforced Thermoplastic polyolefin (TPO). The material has a solid color throughout and is UV stabilized. It meets or exceeds the following tests:

**TABLE 1**

Tensile Modulus, ASTM D 638 (psi)	181,000
Flexural Modulus, ASTM D 790 (psi)	188,000
Flexural Strength, ASTM D 790 (psi)	4,830
Notched Izod Impact @ 23 degrees C, ASTM D 526	2.0 ft-lbs./in
Gardner Impact @ 23 degrees C, ASTM D 5420	180 in-lbs.

**TABLE 2**

Burn Rate, ASTM D 635	Horizontal Burn Classified 11.66 MM/Minute
Optical Density of Smoke ASTM E 662	240.40 Average Corrected Specific Optical Density

### **FIRE SAFETY**

When polypropylene material is exposed to considerable heat or flame the polypropylene will soften, melt or burn and may possibly expose the material underneath. Care needs to be taken when selecting underlayment materials because many are made from organic materials that are combustible. Fire properties of underlayment materials must be established prior to their installation. All burning materials should be installed in accordance with local, state (provincial) and federal fire regulations and building codes.

## **INSTALLATION**

Complete instructions are available. Please review prior to installation.

## **WARRANTY**

Crane Performance Siding supports Portsmouth Shake siding products with a Lifetime Limited Warranty that is transferable.

## **WEATHERING REQUIREMENTS**

Portsmouth Shake siding is continually tested for weatherability in both light and dark colors. Portsmouth Shake siding is manufactured from the highest quality outdoor material that is designed specifically for exterior applications.

## **ADDITIONAL PRODUCT CHARACTERISTICS**

### Portsmouth Shake

- 14" panels (double course) exposure by 48" exposure
- 22 panels per 100 square feet of coverage
- Material thickness = .100 inch
- Panel weight = 3.5 pounds
- Molded cedar grain appearance from actual cedar
- Color is spectrophotometrically controlled