American Porch Poly-Classic®
Columns Pass Flame Spread and Smoke Density Test
(Patent Applied For)

OVERVIEW

FEATURES & BENEFITS
- Poly-Classic Columns now have a Flame Spread Index (FSI) of 15. This index puts the Poly-Classic Column in a Class I Flame-Spread classification under the 1997 uniform fire code. This is an industry first for FRP columns.
- Poly-Classic Columns also have a Smoke Developed Index (SDI) of 335. This index is well below the allowable SDI index of 450. This is also an industry first for FRP Columns.
- Industry standard FRP columns have a typical Flame Spread Index (FSI) of 70-85 and a Smoke Developed Index (SDI) of 900-1025.
APPLICATIONS

- Poly-Classic Columns now pass the ASTM E, 84-01 test for interior applications in markets where the building code officials have started to enforce Section 318 of the 1995 CABO One and Two Family Dwelling Code or Section 803.3.2 of the 1996 BOCA National Building Code.

SPECIFICATIONS

- Test Data
  UNROLLED FSI 15.5
  UNROLLED SDI 335.8
  FS*TIME AREA (Ft*Min) 30.2
  SMOKE AREA (%*Min) 273.2

  OBSERVATIONS DURING TEST
  IGNITION TIME (Min:Sec) 3:31
  MAXIMUM FLAME FRONT ADVANCE (Ft.) 7.0
  TIME TO MAXIMUM ADVANCE (Min:Sec) 10:00
  MAXIMUM TEMP. AT EXPOSED TC(*F): 563
  TIME TO MAXIMUM TEMP. (Min:Sec) 9:57
  TOTAL FUEL BURNED (Cu.Ft.) 52.4
  DRIPPING (Min:Sec) None
  FLAMING ON FLOOR (Min:Sec) 8:15
  AFTERFLAME TOP (Min:Sec) 3:00+
  AFTERFLAME FLOOR (Min:Sec) 3:00+

Full test results available on request.

PRICING

- Product pricing on all sizes remains the same!

AVAILABILITY

- We will begin shipping new product in early June.
- New product will be clearly labeled.
- New product will also be identified by the gray shaft color (see photo).
- All production will be converted to the new formula.
POLY-CLASSIC COLUMN WITH NEW FLAME GUARD COLOR ON LEFT
(Patent applied for)