

FLAME SPREAD AND SMOKE INDEX

All rotocast Arndt & Herman Fiberglass columns are specially manufactured so each column passes the ASTM 84-01, "Standard Test Method for Surface Burning Characteristics of Building Materials" (NFPA 255, ANSI/UL 723 and UBC 8-1).

Having a Flame Spread Index (FSI) of 15 puts our columns in a Class I Flame-Spread classification under the 1997 uniform fire code.

Our columns have a Smoke Developed Index (SDI) of 335 which is well below the allowable SDI Index of 450.

This addresses situations where in some markets the building code officials have started enforcing Section 318 of the 1995 CABO One and Two Family Dwelling Code or Section 803.3.2 of the 1996 BOCA National Building Code.

As more and more columns are being used on interior applications, meeting the Interior Use Fire Code becomes very important. For more detailed information, please refer to ICC-ES Legacy Report 22-26. This report can be found at www.icc-es.org.

LOAD BEARING

Weights shown in Load Bearing Capacity tables found in our literature are for concentric applications, meaning the weight is centered evenly over the diameter of the column through the use of a bearing plate.

Eccentric or off-centered loads must have the beam resting on both walls of the column with an offset no greater than the specified values found in ICC Legacy Report 22-26. This report can be found at www.icc-es.org.