



**Performance Plus – Arbor Series™  
Acoustical Treatments  
Technical Data**



**Product Description:**

Sound Designs™ Acoustical Treatments now offers the warm and beauty of real wood veneers in expertly crafted Acoustical Wall Panels, Baffles and Clouds. Performance Plus – Arbor Series™ products are manufactured to suit the acoustical and aesthetic needs of any space and are designed specifically to address reverberation in a space and to enhance speech intelligibility.

**Form and Function:**

Sound Designs can be installed in any interior where noise within a space is an issue. These products, when mounted on the wall or suspended from the ceiling, will add dramatic visual impact while contributing to the acoustical performance of the interior. Performance Plus Arbor Series are constructed for use in low traffic areas. Careful consideration should be taken to install these products out of main traffic areas. These products are best suited for use above a wainscoting or for cloud, baffle or custom applications.

**Product Profile:**

▪ **The Warmth and Beauty of Wood**

Select your surface treatment from our vast array of precision sliced wood veneer wallcoverings. These beautiful and natural veneers are acoustically perforated to assure the highest in sound absorption characteristics whether in a panel, cloud or ceiling application. Dozens of domestic and exotic hardwoods are available to enhance your interior décor. Matching options and custom staining are also available to meet your aesthetic requirements. Visit [www.arborseries.com](http://www.arborseries.com) for our extensive offering.

▪ **Noise Reduction**

Sound Designs™ Acoustical Wall Panels provide excellent sound absorption. Our acoustical panels have been tested at a NAVLP (National Voluntary Laboratory Accreditation Program) accredited laboratory and has achieved the following acoustical performance ratings when tested in accordance with ASTM C 423-08a.

Mounting	NRC for 1" Panel*
F-25	0.90
E-400	0.95

\*NRC ratings are determined with specific mounting options. Higher NRC ratings can be achieved with mountings that incorporate an air space between the panel and the wall. Please contact your Koroseal Interior Products Representative for specific NRC test results.

▪ **Recycled Content Fiberglass Core**

The 6-7 pound per cubic foot density fiberglass core is manufactured with a weighted average of over 40% post-consumer recycled glass as a percentage of glass weight as certified by Scientific Certification Systems (SCS).

▪ **Unique Design Options**

Your specific panel sizes are custom- manufactured utilizing a 1" acoustical core surfaced with a 1/8" molded fiberglass face. Products are available in widths up to 42" and maximum lengths up to 102". Maximum panel lengths are dictated by the availability of the specific Arbor Series™ species selected.

▪ **Bonded Surface Treatment**

The proprietary process bonds the Arbor Series to our high performance acoustical core combining a visually exciting surface with exceptional acoustical performance.

▪ **Edges Details**

Edges are resin hardened, providing dimensional stability to the panel perimeter. Edges are fully wrapped and are available in square, half bevel and quarter bevel details



## Performance Plus – Arbor Series™ Acoustical Treatments Technical Data

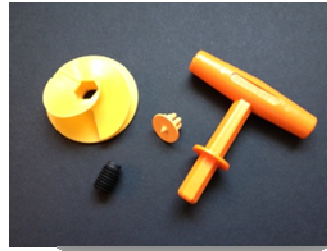
### Fire Rating

Arbor Performance Plus Series is Class 1/A rated when tested in accordance with ASTM E-84.

The flammability testing data, conclusions and recommendation in these reports relate solely to measurements and descriptions of the properties of materials, products, or systems in response to heat and flame under controlled laboratory conditions and should not be considered or used for the description, appraisal or regulations of the fire hazard of materials, products or systems under actual fire conditions.

### Warranty

One (1) year limited warranty. Contact your local KOROSEAL Interior Products Representative for complete Warranty details.



### Installation

Sound Designs™ Acoustical Wall Panels are easy to install and can mount directly to existing wall surfaces using Rotofast™ Snap-on Anchors.

Panels can be manufactured to accommodate installation using z-clips, hook and loop fasteners, construction adhesive, impaling clips/adhesives or custom moldings.

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