Aristech Surfaces - Avonite Specification Guide

The following specification guide has been prepared to assist design professionals in the preparation of a specification section that includes Avonite solid surface sheet. Utilize these paragraphs to insert text into applicable specification sections where Avonite solid surface will be utilized.

Product Uses: Avonite solid surface may be used in a wide variety of applications, including:

 Cabinetry insets

 Interior wall panels

 Interior partitions and space separators

 Shower surrounds

 Signage

 Countertops

 Clean room cladding

 Back splashes

 Furniture

 Cash Wraps

 Trim and wainscotting

 Sinks

 Shower pans

The following should be noted in using this specification guide:

Hypertext links to manufacturer websites are included after manufacturer names to assist in product selection and further research. Hypertext links are shown in blue text.

Optional text requiring a selection by the user is enclosed within brackets and shown in red text, e.g.: “Color: [Red.] [Black.]"

Items requiring user input are enclosed within brackets and shown in red text, e.g.: "Thickness: [\_\_\_] inch."

Optional paragraphs are separated by an "OR" statement shown in red text, e.g.:

\*\*\*\* OR \*\*\*\*

For assistance on the use of the products in this section, contact Aristech by calling 800-354-9858 or visit their website at [www.aristechsurfaces.com.](http://www.aristechsurfaces.com)

PART 1 - GENERAL

SUBMITTALS

Include the following for submission of samples for verification of type, color, and pattern.

 A. Submittals for Review:

 1. Samples: [\_\_ x \_\_] inch solid surface samples in specified type, color, finish, and thickness.

 B. Informational Submittals:

 1. Test Reports: Certified test results for product flammability.

 C. Closeout Submittals:

 1. Maintenance Data: Manufacturer’s recommendations for product use, care, and maintenance.

DELIVERY, STORAGE AND HANDLING

 A. Deliver and store solid surface in protective coverings.

 B. Leave protective coverings in place until ready for final cleaning.

 C. Store solid surface in an interior location.

 D. Protect solid surface from damage and discoloration.

PART 2 - PRODUCTS

MATERIALS

 A. Solid Surface Sheet:

 1. Source: Avonite by Aristech Surfaces [or approved substitute].

 2. Description: Non-porous, homogeneous material, same composition throughout, with acrylic polymer, aluminum trihydrate filler, and pigments.

 2. Thickness: [3] [6] [9] [12] mm.

 4. Flame spread/smoke developed rating: Class [A,] [B,] tested to ASTM E84.

 5. Color: [\_\_\_\_].

FABRICATION

1. Fabricate solid surface in accordance with manufacturer’s instructions.
2. Ease exposed edges to 1/16 inch radius.
3. Surface Finish: [Matte.] [Satin.] [Polished.] [\_\_\_\_.]

PART 3 - EXECUTION

INSTALLATION

 A. Install solid surface in accordance with manufacturer’s instructions.

CLEANING AND PROTECTION

 A. Remove protective coverings just prior to final cleaning.

 B. Clean solid surface in accordance with manufacturer’s instructions.

END OF SECTION