

## PRODUCT IDENTIFICATION

**AVONITE®** solid surfacing and shaped products.

## MANUFACTURER.

AVONITE, INC  
1945 Highway 304  
Belen, New Mexico 87002, USA

## PRODUCT DESCRIPTION

Composition & Materials: AVONITE is a patented, non-porous homogeneous blend of polyester/acrylic alloys and fillers. This creates a surfacing material that looks like stone but cuts like wood. The grain pattern goes all the way through which allows for three-dimensional shaping.

**Basic Uses:** Because the material can be worked with conventional woodworking power tools, the design possibilities are unlimited. Countertops, wall cladding, furniture, mouldings, architectural signage and accessories can be beautifully created with a guarantee of durability.

**Limitations:** Many AVONITE installations are suitable for exterior use. However, contact Technical Services regarding limited approved exterior applications. Do not use in areas exposed to sustained temperatures in excess of 375o (CI) or 260o (CIII). Seaming with joint adhesive (fusion material) should not be performed when the ambient temperature of the work area is below 55o (13o). Sizes: Standard polyester AVONITE sheets are available in 36" (915mm) and 30" (762mm) widths by 120" (3050mm) lengths. Formstone™ is available in 36" (915mm), 30" (762mm) widths by 96" (2438mm), 120" (3050mm) and 145" (3658mm) lengths. Custom sizes are available on special order.

**Thickness:** All AVONITE sheets are available in standard thickness of 1/2" (12.7mm). Class I granites only are also available by special order in 3/4" (19mm). Formstone is available in 1/2"(12.7mm) and 1/4" (6.4mm) thicknesses.

**Shaped Products:** Solid surface sinks in kitchen and lavatory models are available in several standard colors. Combine with AVONITE sheets to create a totally integrated solid surface system. (See brochure #4081 Sinks, for technical data.)

**Colors:** A complete selection of granite, gemstone, and architectural solids are available. Custom colors can be matched to order for larger projects. Contact local Distributor for samples.

**Finish:** The factory finish of AVONITE is a matte finish approximating 220 grit sandpaper. A satin sheen or a high polish can be obtained by buffing with prescribed polishing compounds.

**Weight:** AVONITE sheet stock in 1/2" thickness weighs approx. 4.0 lbs. per sq. ft. in the Class I rated materials (CI). Class III sheets weigh approx. 3.1 lbs. in 1/2" thickness (CIII).

## MAINTENANCE

AVONITE surfaces may be easily cleaned using conventional cleaning agents such as an ammonia based liquid cleaner (glass cleaner). Dry stains on a matte finish can be removed with Scotch-Brite scouring pad by 3M or a mild abrasive cleanser. Burns or scorches can be removed by sanding with coarse grit sandpaper followed by finer grit sandpaper. Follow sanding with a Scotch-Brite 7447 red pad by 3M (or equivalent) to match finish of sanded area to surrounding area. A final buffing is required on polished surfaces. Accidental nicks or chips can be repaired with special patch kits available in all standard AVONITE colors.

## STAIN AND CHEMICAL RESISTANCE

The test method used was NEMA LD 3-3.9. No lasting effect was noted after the prescribed exposure to 29 common reagents.

## SANITARY USE

AVONITE has been tested and approved by the National Sanitation Foundation (NSF). Its inert and non-porous surface will not support the growth of bacteria and is ideal for food service and health-care facilities.

## CLASS I FLAMMABILITY RATING

The majority of AVONITE colors have a Class I flammability rating (CI) making it suitable for virtually all horizontal and vertical surfaces in public places. Other AVONITE decorative materials are Class III rated and meet all requirements for residential use and most commercial applications (see Technical Data).

## FABRICATION AND INSTALLATION

AVONITE should always be fabricated and installed by accredited fabricators. There are over 8,000 authorized fabricators worldwide. A list of qualified craftspeople is available through local Distributors.

## WARRANTY

All AVONITE products carry a 10 year written warranty when properly installed by an authorized fabricator. In addition, most AVONITE colors carry a 5 year limited exterior warranty for signage. For copies of AVONITE warranties contact AVONITE, Inc. or an Authorized Distributor.

## AVAILABILITY

AVONITE is available through stocking distributors in most major cities throughout the world. Contact AVONITE, Inc. for specific locations.

## TECHNICAL SUPPORT AND SERVICES

Contact AVONITE, Inc., in the USA toll-free at (800) 866-8324 or (505) 864-3800, FAX (505) 864-