



# INTERIOR ADHESIVE PRODUCT DATA

## 1. PRODUCT NAME

AirStone® Interior Wall Adhesive

## 2. MANUFACTURER

H.B. Fuller Construction Products Inc.  
1105 S. Frontenac St.  
Aurora, IL 60504  
800-323-7404  
Medical Emergency: 888-853-1758

Manufactured for:

Baton LLC  
945 S. 13<sup>th</sup> Street  
Louisville, KY 40210 U.S.A.  
855-299-3845 Customer Support  
airstoneservice@estateproducts.com

## 3. DESCRIPTION

AirStone® Interior Wall Adhesive is a premium ready to use adhesive, formulated for setting AirStone on interior walls. The white, non-staining formula offers easy putty knife or troweling application, and non-slip wall performance.

### Key Benefits and Features

- Formulated for AirStone interior wall applications.
- Lightweight—non-slip performance on walls.
- Exceeds ANSI A136.1 Type I & II Specifications
- The adhesive is mold and mildew resistant
- Fast drying
- Creamy, easy to use formula

### Packaging

1 gallon plastic pail (36003)

### Coverage

Coverage will vary with type of substrate. Figures below are presented only as guidelines.

Putty Knife Application: 25-32 square feet

¼ x ¼ x ¼ Trowel Application: 18-30 square feet

### Suitable Substrates

Use only on structurally sound interior surfaces such as cured Portland cement plaster, gypsum wallboard (*walls only*), exterior grade plywood, brick, cementitious backer units, fiber cement underlayment, coated glass mat backerboard, well cured, moisture tested concrete not subject to dampness or moisture vapor emissions. Installations where concrete is damp or the concrete is subject to moisture vapor emissions can fail.

### Storage

Store in a cool, dry location - Indoors only. Protect from freezing. Adhesive is freeze thaw stable to -10°F. Avoid prolonged or repeated freeze thaw cycles. Should adhesive freeze, allow to thaw at room temperature and stir well before using.

### Shelf Life

Maximum of 1 year from date of manufacture in unopened package. Bucket good for 6 months after opening. (Re-seal and store in cool, dry location, use within shelf life. Covering with plastic wrap directly on top of product prior to sealing container will help to preserve freshness.)

### Limitations

- Not for use in conjunction with PVC heating mats or coils, or over polyethylene membranes.
- Not for use over anti-fracture & waterproofing membranes, sheets or mats.
- Not for use on shower floors or pans, in steam rooms, in steam showers, swimming pools, or any place that will receive standing water.
- Not for use for leveling or in excess of trowel recommendations.
- Not for exterior use.
- Not for use where temperature will exceed 120°F.
- Not for use over lauan, MDF, particleboard, or Masonite®. (See Suitable Substrates.)  
Masonite is a registered trademark of Masonite Corporation.
- Not to be used underneath most backer boards. (Check manufacturer instructions.)

### Cautions

FIRST AID MEASURES: In all cases, seek medical attention if symptoms develop or persist. EYES: Flush with water for 20 minutes. SKIN: Wash with soap and water. IF VAPORS INHALED: Remove to fresh air. IF SWALLOWED: Do not induce vomiting. WARNING! This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. KEEP OUT OF REACH OF CHILDREN.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered AirStone® brand product(s) under normal environmental and working conditions. Because each project is different, Baton, Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

#### 4. TECHNICAL DATA

##### Applicable Standard

Exceeds ANSI A136.1 Type I & II specifications.

##### AirStone™ Ready-To-Use Interior Adhesive

Description	ANSI Requirement	Typical Results
Shear Strength 28 Day, Room Temperature Type I Water Immersion After Accelerated Heat Aging	> 50 psi (0.34 MPa) > 50 psi (0.34 MPa) > 75% dry shear strength retention	500 psi (3.42 MPa) 150 psi (1.03 MPa) Passes
Heat Resistance	Maintains at least 10 lb. (4.5 kg) static load in shear at 120°F (49°C) for 24 hours	Passes
Impact Test	All tiles remain bonded after impact	Passes
Stain Test	< 70% penetration	Passes
Stability in Storage	4 weeks minimum	Passes
Resistance to Mold Growth <small>Tested in accordance with American National Standards for Organic Adhesives for Installation of Ceramic Tile—ANSI A136.1, Type I</small>	No mold growth	Passes

##### Physical Properties

Description	
Base	Acrylic Latex
Physical State	Paste
Color	White
Odor	Nil
Open Time [at 72°F (22°C)]	20 to 35 minutes
Wt./U.S. Gallon	8.0 lbs. ± 0.3 lbs.
VOC/Liter of Material	20 grams (calculated); 29 grams less water
Foot Traffic Rating (ASTM C627)	Residential to light commercial
Storage	Store in cool, dry location. Do not store open containers. Freeze/thaw stable.
Shelf Life	Maximum 1 year from date of manufacture in properly stored, unopened package. Good for 6 months if tightly re-sealed, stored in a cool, dry location and used within shelf life.

#### 5. INSTALLATION INSTRUCTIONS

##### Surface Preparation

All surfaces must be clean, dry, free of dirt, dust, grease, oil, loose paint, wallpaper, and residues of old adhesive, or any foreign matter which might impair adhesion where AirStone® Interior adhesive is spread. Painted enameled walls must be thoroughly scored or sanded to insure a bond to the original base wall. Do not sand any adhesives that are known or suspected to contain asbestos. Installations where concrete is damp or the concrete is subject to moisture vapor emissions can fail.

##### Application

The adhesive, AirStones, and room should be maintained at a minimum temperature of 60°F for 24 hours prior to installation. The minimum 60°F temperature must be maintained during the entire installation, and for a minimum of 48 hours following.

**Putty Knife Application:** Apply adhesive to the back side of each stone. Apply enough adhesive to fully cover with a solid film approximately 1/8 – 3/16 thick. Apply stone immediately. Periodically remove and check an AirStone piece to assure complete coverage. DO NOT SET AIRSTONE IF SKIN HAS FORMED ON THE ADHESIVE. This time will vary with the temperature, humidity, and the substrate.

Scrape off dried material and apply fresh adhesive. Cure times will vary with size of AirStone piece, porosity of wall, humidity and temperature (cooler temperatures will extend set times). Cure time 6-48 hours. The finished installation must be protected from freezing until completely cured.

**Trowel Application:** Use a ¼ in. x ¼ in x ¼ in square-notched trowel for installation of AirStone®. Only apply the amount of adhesive to surface that can be applied in 15 minutes. DO NOT SET AIRSTONE IF SKIN HAS FORMED ON THE ADHESIVE. This time will vary with the temperature, humidity, and the substrate. Apply the adhesive to the substrate first with the flat side of the trowel. Then comb with the notched side of the trowel in one direction. Firmly press AirStone into the adhesive and move them perpendicularly across the ridges. Periodically remove and check an AirStone piece to assure complete coverage. Cure times will vary with size of AirStone piece, porosity of wall, humidity and temperature (cooler temperatures will extend set times). Cure time 6-48 hours. The finished installation must be protected from freezing until completely cured.

##### Clean-up

While adhesive is still fresh, clean tools, hands, and excess materials from face of AirStone with warm water.

#### 6. WARRANTY

For details about our limited warranties, see your sales associate or [www.airstone.com](http://www.airstone.com).

#### 7. TECHNICAL SERVICES

##### Technical assistance

Toll Free: 1-800-264-5141

Fax: 1-502-637-4762

©2010 AirStone® is a trademark of  
Baton LLC  
945 S. 13<sup>th</sup> St.  
Louisville, KY 40210 U.S.A.  
[www.airstone.com](http://www.airstone.com)