

ABC[®] Asbestos Binding Compound
ABC[®] Fiberspray

Asbestos Abatement Products



Laboratory Product Testing

EPA Requirements

ABC has been tested at Battelle Laboratories, and met or surpassed the EPA requirements for effective asbestos encapsulation.

Battelle Columbus Laboratories under Government Contract #68-03-2552-T2005, Judged to be acceptable June 9, 1981.

Final Report on Evaluation of Encapsulants for Sprayed-on Asbestos Containing Materials in Buildings

The only government evaluation of bridging encapsulants available then and now. Of the eleven encapsulants (out of over 100 products tested) then judged by Battelle to be acceptable, ABC is one of the few still manufactured today. ABC was the only acrylic resin emulsion coating given an acceptable rating by Battelle. Other acceptable products were composed of lesser vinyl resins and other base materials.

Battelle's requirements for acceptable are/were as follows:

1. Class "A" fire Resistance (now referred to as Class "I")
2. Minimal smoke generation
3. Release of gases when burned well below any possible problem levels established by the National Academy of Sciences
4. Good surface integrity capable of either sealing the fibrous surface (as a bridging encapsulant) or of binding the fibers together by penetrating 0.5 inches or more into the test matrix (as a penetrating encapsulant).
5. Other criteria evaluated by Battelle for EPA
 - Viscosity
 - Solids Content by percentage
 - Minimum and Maximum Impact Resistance (Gardner Impact Tester; 60 and >60)

German Approval: iBMB-TU- Braunschweig

Fire Rating

Fire Rating:	ASTM E84 Class A
Flame Spread:	10
Fuel Contribution:	10
Smoke Density:	5
Test Facility:	Southwest Research Institute

(ASTM E 84 (Similar to ANSI 2.5, NFPA 255, UL 723, UBC Method 42-1) (May 1983), Project No. 01-7282-223)

Additional Testing:

Film Hardness (Sward Rocker):	2 (Excellent)
Water Resistance of Dry Film:	Excellent
pH:	4.6
Freeze-Thaw Stability:	3 cycles – Good
Heat Discoloration Effectiveness: (45 minutes @ 300°F)	Excellent
Average Particle Size:	0.2 microns

ABC - Asbestos Binding Compound

ABC Asbestos Binding Compound is a high solids asbestos encapsulant/sealant, designed to encapsulate friable Asbestos Containing Material (ACM) such as fireproofing and insulation material. The high solids, nonflammable composition of ABC allows for dilution with water to provide maximum flexibility for specific asbestos abatement needs, including lockdown/removal, penetrating encapsulation and bridging encapsulation.

Bridging Encapsulant

Used as a durable and contiguous barrier between asbestos-containing materials (ACM) and the living environment of buildings for the management of potentially friable asbestos in place. Bridging encapsulants are an excellent method for the abatement (making permanently safe) of sprayed-on fireproofing.

Penetrating Encapsulant

When properly diluted, can be used to enhance the dimensional stability of friable ACM. Dilution increases the capillary action and resulting penetrating of the ABC into less dense and more friable materials, including low and medium density fireproofing, some galbestos, and certain unpainted ceiling plasters (popcorn, textured, acoustic, etc.).

Lockdown Encapsulant

When properly diluted, ABC can be used as an economical coating applied at very high coverage rates to adhere any residual ACM particulate to substrates after asbestos removal. This can inhibit residual asbestos from becoming airborne and respirable. When used as a lockdown encapsulant, ABC can facilitate final clearance, and accept many water-based carpet and tile adhesives or leveling compounds used in the installation of new flooring systems.

Available Packaging & Colors

ABC is available in 5 gallon containers in three colors, Off-White (6421), Clear (6422), Green (6423). It is also available in cases of 7 oz spray cans in Off-White (6410). Custom colors are available on special order. ABC Off-White is tintable with up to two ounces of universal liquid colorant.

School Systems and Universities

Academy of Environmental Science, New York, NY
Arlington School District, Poughkeepsie, NY
Bedford School System, Bedford, NY
Berne College, Syracuse, NY
Brighton School, Rochester, NY
Bucks County School Department, Doylestown, PA
Centre Admin., Univ. of Sherbrooke, QC, Canada
Chandler School District 80, Chandler, AZ
Christian County School, Hopkinsville, KY
Clarkson College, Potsdam, NY
Corning Community College, Corning, NY
Greencastle School District, Greencastle, PA
Hancock School, Hancock, NY
Harpursville Schools, Harpursville, NY
Intern. School District 361, Intern. Falls, MN
Intern. School District 701, Hibbing, MN
Jefferson Parish School District, Marrero, LA
Lake Forest School District. 67, Lake Forest, IL
Little Rock School District, Little Rock, AR
Los Angeles Unified School District, Los Angeles, CA
Marshall Public Schools, Marshall, TX
Martin Luther King H.S., Philadelphia, PA
Mercer County Schools, Princeton, WV
N. Kossuth Comm. School District, Swea City, IA
N. Rockland School, Stony Point, NY
Norman Public Schools, Norman, OK
Penn Yan Elementary School, Penn Yan NY
Philadelphia School System, Philadelphia, PA
Pinkerton Academy, Derry, NH
Pottsgrove School, Pottstown, PA
Princeton Testing Laboratory, Princeton, NJ
Ridgewood School, Ridgewood, NJ
Rush-Henrietta School, Henrietta, NY
Sacred Heart School, Del Rio, TX
Shipleigh School, Philadelphia, PA
Skaneateles School, Skaneateles, NY
Town School, San Francisco, CA
Univ. of California, Davis, CA
Univ. of California, San Francisco, CA
Univ. of Rochester, Rochester, NY
Univ. of Vermont, Burlington, VT
White Plains School District, White Plains, NY

Commercial & Industrial Facilities

AOL Time Warner, New York City, NY
Bath Iron Works, Bath, ME
Bell Telephone, Pittsburg, PA
BF Goodrich, Independence, OH
Budd Company Red Lion Plant, Philadelphia, PA
Capitol Environmental, Roanoke, VA
Citibank Building, New York City, NY
Columbia Gas - Majorsville Compressor Station, Majorsville, WV
Command Industries, Lansing, MI
GM Clements, Petersburg, VA
Lieberman Brush Co., Philadelphia, PA
Morgan Stanley Building, New York City, NY
Owens Corning, Oak Park, MI
Owens Corning, San Antonio, TX
Owens IL Glass Container Division, Streator, IL
Packaging Corp. of America, Filer City, MI
Prudential Insurance Co., Boston, MA
Reynolds Metal Corp., Richmond, VA
Rohm & Haas Co., Bristol, PA
Sherwin Williams, Scotsbluff, NV
Sprague Electric, Worcester, MA
Sun Chemical, Cincinnati, OH
TU Electric, Dallas, TX

Public Buildings & Facilities

Archdiocese of Philadelphia, Philadelphia, PA
City Water Light & Power, Springfield, IL
Hynes Auditorium, Boston, MA
LaGuardia Airport, New York, NY
Los Angeles Dept. of Water & Power, Los Angeles, CA
Los Angeles GSA Federal Administration Building, Los Angeles, CA
Naval Air Station, Lemoore, CA
New Haven Hospital, New Haven, CT
NY State Electric & Gas, Binghamton, NY
NY State Electric & Gas, Lancaster, NY
Penfield Presbyterian, Penfield, NY
Portsmouth Federal Building, Portsmouth, NY
The White House, Washington, DC
Torrington Housing Authority, Torrington, CT
U.S. Air, Philadelphia International, Philadelphia, PA
U.S. Department of Energy, Savannah River, Aiken, GA