

The Original Sound Absorbing Plaster System



BASWAphon

Sound Absorbing Plaster System



BASWAphon, seamless sound absorption.

CLEVELAND CLINIC LOU RUVO BRAIN INSTITUTE - LAS VEGAS, NV

THE BASWaphon ADVANTAGE

- **THE ORIGINAL.** BASWaphon is the original, most specified sound absorbing plaster system, with 25 years of installations.
- **SEAMLESS, FLAT, CURVED, DOMED, AND VAULTED SURFACES.** Up to 5,000 square feet without a control joint can be applied to flat or complex surfaces.
- **HIGHEST SOUND ABSORPTION.** BASWaphon has NRCs up to 1.05, making it the most sound absorptive plaster on the market.
- **EASILY CLEANED AND REPAIRABLE.**
- **TINTED TO MATCH ANY COLOR.** No adverse effects on acoustical performance with uniform color.
- **MADE IN THE USA.** Only sound absorbing plaster system with Swiss engineered components made in the US.
- **GREAT IN HUMID ENVIRONMENTS.** Resilient, Frosted and Base Finishes are not water soluble and are mold, moisture and mildew resistant. Perfect for spas, natatoriums or porte-cochères. All finishes rated 10 / 10, signifying no mold growth per the ASTM D 3273.
- **DURABLE MARBLE FINISH.** BASWaphon Coatings are made of a crushed marble aggregate.
- **FACTORY COATED & SANDED SUPPORTING PANEL.** No onsite panel sanding. Panel will not separate or compress. Beveled panel edges require no taping or glue; no telegraphing seams.
- **OVERNIGHT DRYING TIMES.** Typical drying time between coats is overnight.
- **LIGHT WEIGHT.** Approximately 1.5 lbs per square foot.
- **LEED CONTRIBUTION POINTS IN 9 CATEGORIES.** Up to 95% recycled materials, SDS friendly, high light reflectance and a high R-value. No VOCs; compliant with the California Section 01350.
- **FIELD APPLIED BY CERTIFIED, LOCAL INSTALLERS.** Over 115 Local Independent Contractors have been trained on-site. Installation takes 4 to 5 days; no field measurements, no shop drawings.
- **IN STOCK AND READY FOR IMMEDIATELY DELIVERY.**
- **CLASS A FIRE RATED.**
- **NO DRYWALL BLOCKING.** Not required for light fixtures, diffusers or terminations.
- **ACCESS PANELS.** Trimless access panels up to 8'x 8' available with BASWaphon Finish on the face.

CREATING AN INTELLIGIBLE SPACE

Reverberation has an important impact on speech intelligibility, affecting safety, health, learning, and quality of life. By absorbing sound waves, BASWaphon makes conversation clearer, even in harsh situations, by reducing reverberation time. BASWaphon delivers premium acoustical environments to a variety of high end commercial, retail and residential spaces while protecting design aesthetic.

BASWA acoustic provides customers with a premium material backed by consistent, reliable service. BASWaphon is continuously improved upon to ensure the smoothest, highest quality surface available with the highest NRC Ratings in the industry.

HOW BASWaphon WORKS

High frequency sound absorption is achieved by allowing sound wave energy to pass through the micro pores in the finished surface, thereafter, dissipating it into heat energy in the mineral wool.

Low frequency sound absorption is accomplished when sound wave energy hits the finished surface, causing the "skin" to vibrate diaphragmatically against the mineral wool panel, creating a "spring" action. Again, this transforms sound energy into heat energy.

RESIDENTIAL APPLICATIONS

BASWA acoustic offers the same high performance sound absorbent materials for home applications. Thousands of clients worldwide already enjoy the added comfort and clean look of having BASWaphon or other BASWA acoustic materials in their most important spaces.

Through innovation, BASWA acoustic provides a level of combined comfort and aesthetics, previously mutually exclusive. These materials are sourced locally when they can be, from the Greek Islands to the state of Georgia. Projects will range from Carnegie Hall to your home.

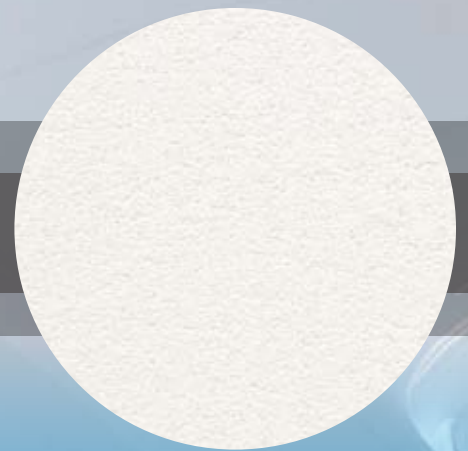




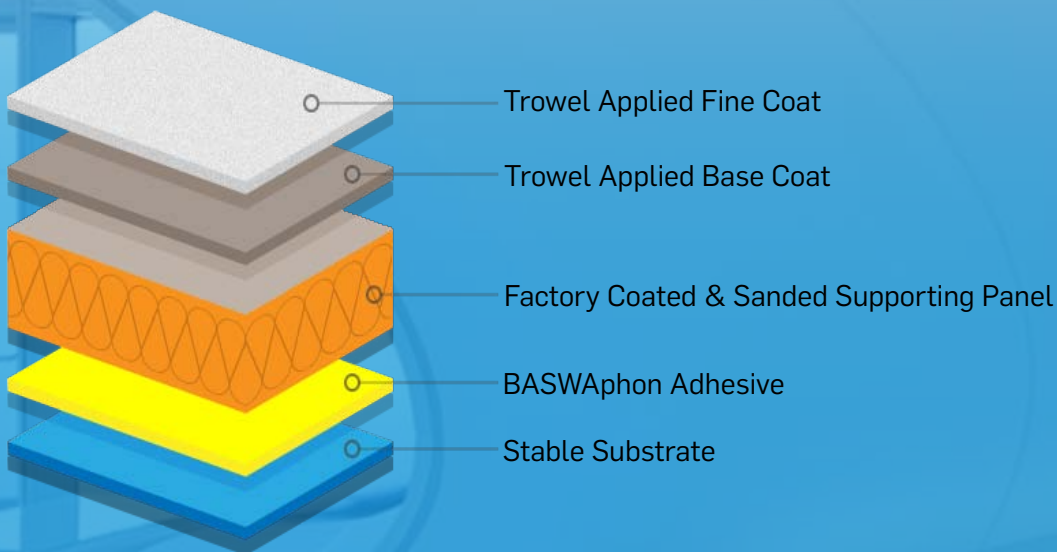
From Carnegie Hall, to your home.

BASWAphon Classic Fine Finish

Smoothest, Finest Troweled Finish



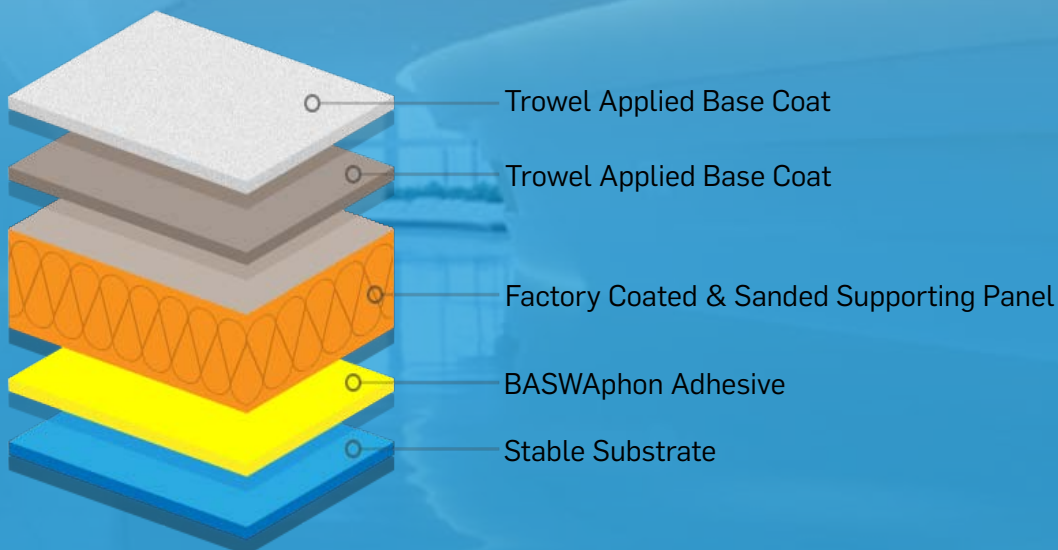
- Durable and Cleanable.
- Continues to set aesthetic and performance standards for seamless acoustical products.



BASWaphon Resilient Finish

Troweled Smooth Base Finish

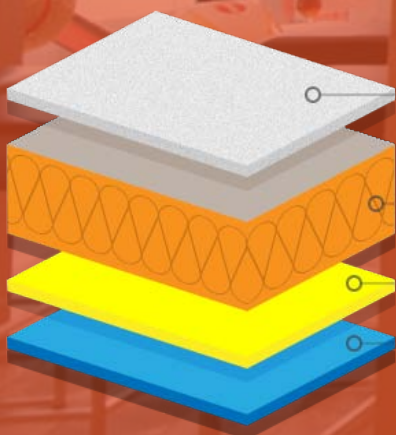
- Mold & mildew resistant finish, perfect for high humidity spaces including spas, natatoriums, or porte-cochères.
- Washable and easily cleanable non water soluble finish.



BASWaphon Fine Finish

Single Coat Smoothest, Finest Troweled Finish

- Durable and Cleanable.
- Cost competitive finish ideal for spaces without significant critical lighting.



Trowel Applied Fine Coat

Factory Coated & Sanded Supporting Panel

BASWaphon Adhesive

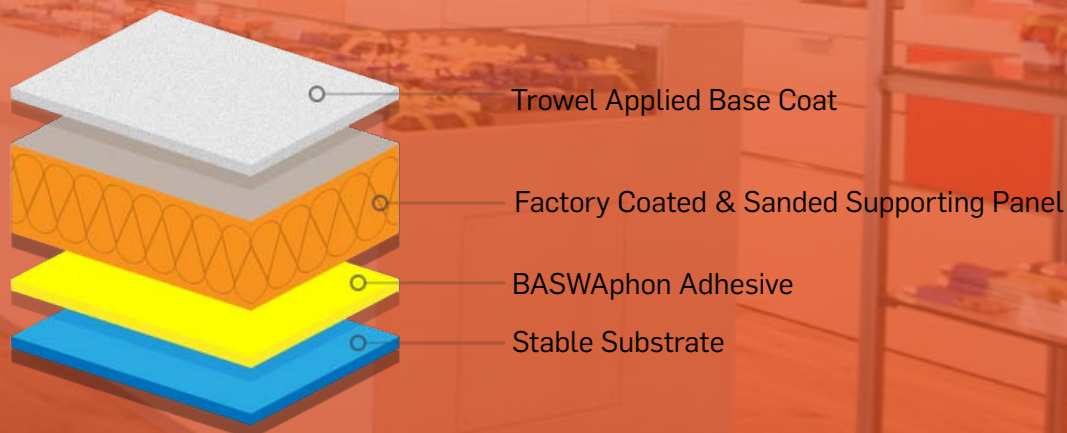
Stable Substrate



BASWaphon Base Finish

Single Coat Troweled Smooth Base Finish

- Mold & mildew resistant finish, perfect for high humidity spaces including spas, natatoriums, or porte-cochères.
- Cost competitive finish ideal for spaces without significant critical lighting.

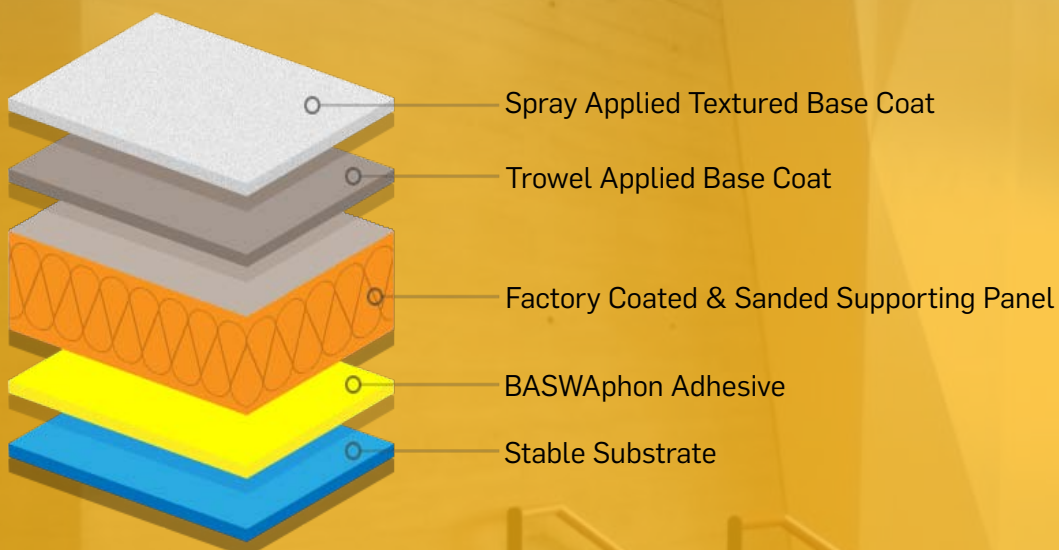


BASWAphon Frosted Finish

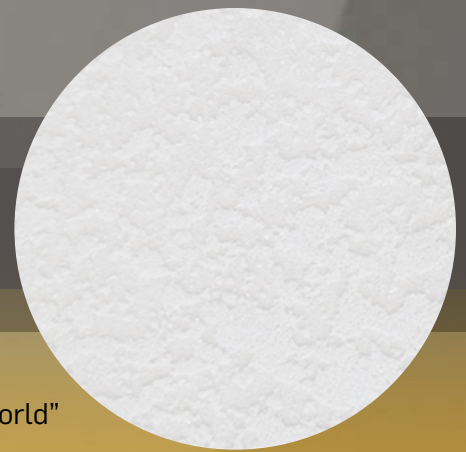
Spray Applied Light Sand Textured Finish



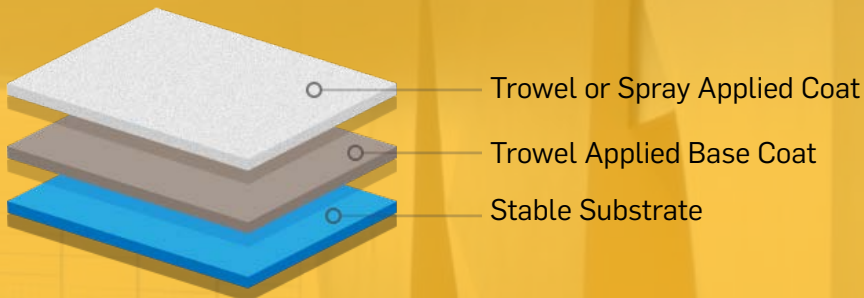
- Easily Repairable.
- Mold & mildew resistant finish, perfect for high humidity spaces including spas, natatoriums, or porte-cochères.
- Washable and easily cleanable non water soluble finish.



Custom & Specialty Finishes



- Troweled Smooth or Spray Applied Finish. Create a custom, stone, or “Old World” plaster aesthetic using a variety of application techniques.
- Specialty BASWaphon Finishes can be directly applied to drywall to allow for the fine tuning of sound within a space, absorbing the high end frequency range. This type of application is best for performance spaces with challenging high frequency regulation needs and will not affect the overall dynamism of the performance. Third party test data for Specialty Finishes available upon request.



NOISE REDUCTION COEFFICIENT (NRC) RATINGS

The BASWAphon Sound Absorbing Plaster System is available in 3 thicknesses.

Thicknesses 30mm – 0.75 - 0.80 NRC Rating

40mm – 0.85 - 0.95 NRC Rating

70mm – 0.90 - 1.05 NRC Rating

NRC Ratings vary with the Finish. Coefficient testing is calculated following ASTM C423 Sound Absorption Test guidelines for Type "A" and "E" Mountings. Certified Test Data reflects actual installation conditions and is supplied by an Independent Third Party.

SOUND TRANSMISSION CLASS (STC) RATINGS

BASWAphon provides an additional 5 to 7 points to an STC Rated Assembly. Test data available upon request.

LEED CONTRIBUTION CREDITS

The BASWAphon System may provide Contribution Points in the following LEED Categories:

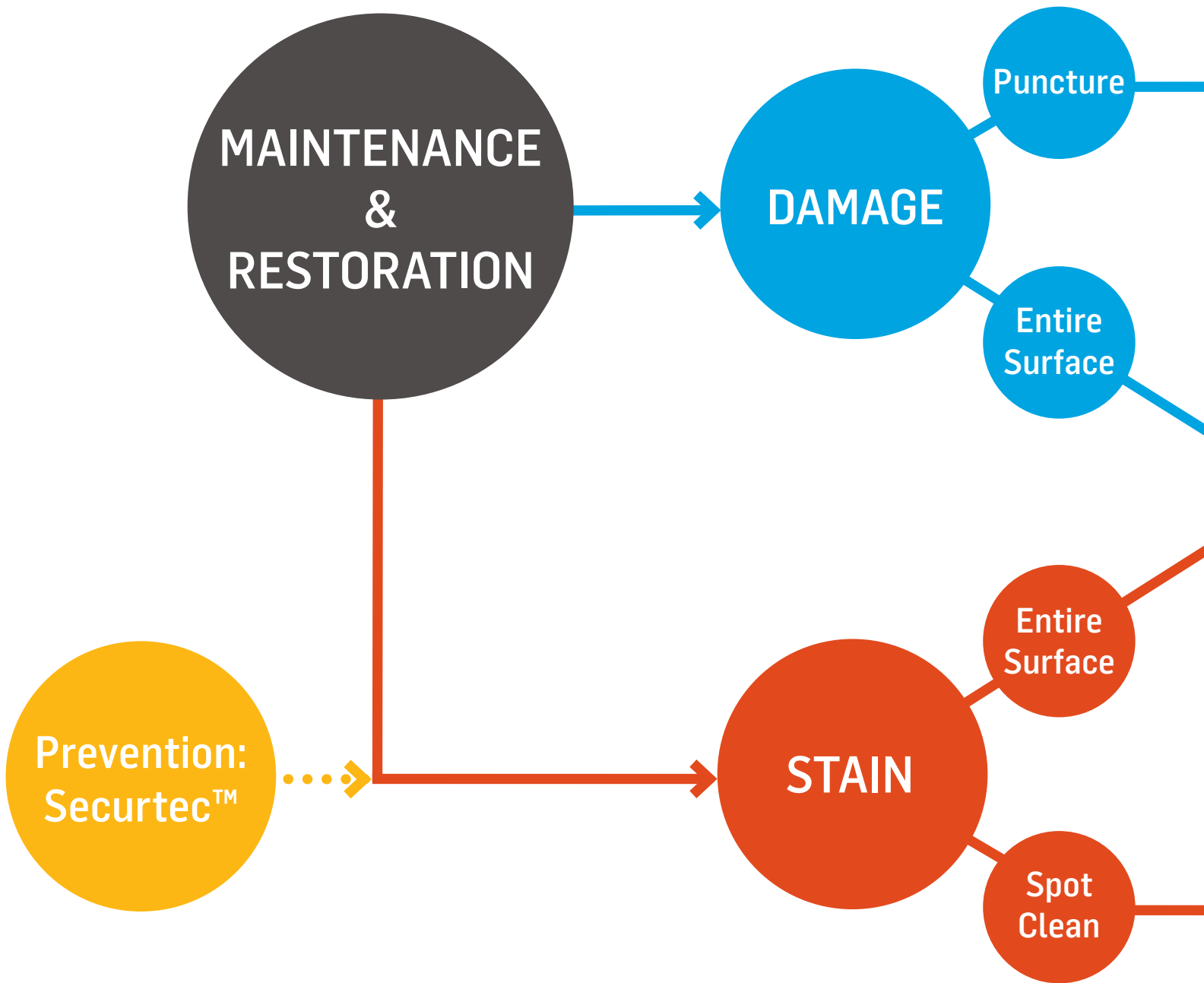
- EA Credit 1 – Optimized Energy Performance
- MR Credit 2 – Construction Waste Management
- MR Credit 4 – Recycled Content
- MR Credit 5 – Regional Materials
- IEQ Credit 3.1 – Green Cleaning
- IEQ Credit 4 – Low Emitting Materials
- IEQ Credit 7.1 – Thermal Comfort
- IEQ Credit 8.1/2.4 – Daylight and Views
- EQ Credit 9 – Enhanced Acoustical Performance

The system consists of up to 95% recycled content and emits no harmful off-gassing (VOCs). SDS friendly, with high light reflectance and a high R-value.

BASWAphon Top Coat and Base are manufactured in Cleveland, Ohio. Certified Test Data and LEED submittals are available upon request.

Scientifically proven to outperform.

BASWAphon Systems	125	250	500	1000	2000	4000	NRC
30mm Classic Fine Finish	0.32	0.34	0.86	0.98	0.89	0.72	0.75
40mm Classic Fine Finish	0.31	0.63	0.98	0.90	0.87	0.76	0.85
70mm Classic Fine Finish	0.45	0.92	0.99	0.84	0.84	0.70	0.90
30mm Frosted Finish	0.32	0.32	0.93	1.02	0.92	0.80	0.80
40mm Frosted Finish	0.26	0.49	1.04	1.04	0.91	0.88	0.85
70mm Frosted Finish	0.39	0.98	1.07	0.95	0.90	0.75	1.00
30mm Resilient Finish	0.24	0.30	0.92	1.01	0.90	0.80	0.80
40mm Resilient Finish	0.34	0.52	1.00	1.00	0.88	0.84	0.85
70mm Resilient Finish	0.44	0.95	1.05	0.91	0.84	0.76	0.95
30mm Fine Finish	0.27	0.32	0.90	1.04	0.89	0.80	0.80
40mm Fine Finish	0.35	0.59	0.99	0.98	0.87	0.83	0.85
70mm Fine Finish	0.44	0.91	0.99	0.95	0.82	0.75	0.90
30mm Base Finish	0.32	0.30	0.86	1.09	0.97	0.85	0.80
40mm Base Finish	0.29	0.54	1.04	1.08	0.93	0.88	0.90
70mm Base Finish	0.46	1.03	1.10	1.07	0.94	0.88	1.05



Securtec™

A stain guard formulated for BASWA products designed to protect against dirt or surface pollutants like food or water, with nominal affect on acoustical properties. Once applied, liquids will bead on a BASWAphon Finish.

BASWA Clean™

A surface cleaner for BASWAphon Finishes that lifts out stains, dirt, and odors. This environmentally friendly cleaner begins working immediately for quick, noticeable results.

BASWA Fresh™

A surface refreshing spray used for either small or large area restoration of surfaces with visible color alterations due to excessive dirt or staining.



Innovation. Under normal circumstances, BASWA products age evenly and do not require any maintenance. However, surfaces may be damaged by punctures, stains, or water. Similar to most building materials, a BASWA surface may accumulate a build up of dust particles.

Acoustical ceilings perform through the porosity of their surface and therefore can not be cleaned with conventional products. For the same reason, such surfaces lose their acoustical absorption when painted with traditional paints. BASWA acoustic has developed a range of techniques and products, which allow for removal of staining or repair of surface damages without affecting the acoustical performance.

For more than 25 years BASWA acoustic has been developing and distributing materials that improve room acoustics. BASWA acoustic cares about the customer's needs and is constantly engaged in new development.

Swiss Engineered. Components Made in USA.





QUEENS THEATER IN THE PARK - NEW YORK, NY

BASWAphon Installation Process



1

CEILING PREPARATIONS (PRE-INSTALLATION)

A stable substrate such as standard drywall is required. Joints only need taping; no finished coating of tape or screw heads required.

BASWAphon is lightweight; substrate systems do not require additional or unusual support.

HVAC diffusers, fire sprinkler heads, and light fixtures are roughed in to finished ceiling height.



2

SUPPORTING PANELS ADHERED

Pre-Coated Supporting Panels are cut to size on site with a utility knife and adhered with a plaster based adhesive to the substrate.

For curved applications, panels arrive on site pre-kerfed in one or two directions. Mechanical fasteners are not required.



3

GROOVES PRE-FILLED

BASWAphon Pre-Fill is troweled into the "V" groove seams formed by the factory beveled edges of the panels.

Pre-Filled seams are lightly sanded.





4

COLOR APPLICATIONS

If a custom color is specified, tint is added on site to the Base and/or Finish Coats.



5

BASE COAT APPLIED

BASWAphon Base Coat is spray applied, gauged, smoothed with a trowel and allowed to dry.

Base coat typically dries overnight.



6

FINISH COAT APPLIED

Finish Coat is applied, gauged, smoothed with a trowel and allowed to dry, typically overnight.

If the Frosted Finish is specified, a light texture finish of Base Coat is spray applied.



Casinos

Ameristar Casino
Porte-Cochère Ceilings
St. Charles, MO

City Center Promenade
Curved Floating Cloud Ceilings
Las Vegas, NV

Greenbrier Casino
Domed Entry &
Barrel Vault Game Room Ceiling
White Sulpher Springs, WV

Corporate

Bloomberg Headquarters
Studios, Lobby, & Atrium
Ceilings & Walls
Mexico City, Mexico

Eaton Corporation Headquarters
Atrium Ceilings and Walls
Cleveland, OH

Encana Corporation at The Bow
Multipurpose, Meeting, & Auditorium
Curved Ceilings
Calgary, Canada

Goodyear Global Headquarters
Lobby and Atrium Ceilings & Walls
Akron, OH

Novartis Pharmaceuticals Corporation
Lobby, Offices, & Laboratory
Sloped Ceilings
East Hanover, NJ

Education

Brigham Young University
ESC Planetarium Dome
Ceiling & Walls
Provo, UT

Bronx Community College
Vaulted Ceilings
Bronx, NY

College for Creative Studies
Argonaut Building
Auditorium & Theater
Barrel Vault Ceilings
Detroit, MI

Harvard University
Business School Tata Hall
Lobby, Pavilion, & Corridor Ceilings
Cambridge, MA

Princeton University
Neuroscience & Psychology Complex
Faculty Conference, Lounge, &
Lecture Hall Ceilings
Princeton, NJ

The New School University Center
Lobby & Classroom Ceilings
New York, NY

University of North Carolina
Genome Science Building
Coffered Ceilings
Chapel Hill, NC

University of Pennsylvania
Singh Nanotechnology Center
Sloped Corridor Ceilings
Philadelphia, PA

Government

Burger Federal Courthouse
Courtroom Ceilings
St. Paul, MN

Federico Degetau Federal Bldg
Clement Ruiz Nazario US Court
Courtroom Walls & Ceilings
Hato Rey, Puerto Rico

Markey National Court Building
Historic Courtroom Walls
Washington, DC

Norfolk County Court Complex
Rotunda Ceilings and Walls
Courtroom Stepped Ceilings
Norfolk, VA

Security & Exchange Commission
Lobby & Auditorium
Ceilings & Walls
Washington, DC

Libraries

Beverly Hills Children's Library
Vaulted Ceilings & Walls
Beverly Hills, CA

George W. Bush Presidential Library
Exhibit Area Ceilings and Walls
University Park, TX

Independence Park Library
Meeting Room and Story Space
Walls and Ceilings
Baton Rouge, LA

Petersburg Public Library
Lobby & Circulation Desk Ceilings
Petersburg, VA

Ohio State University
Thompson Library Atrium Ceilings
Columbus, OH

Richard Nixon Library
Reading Room Addition Ceiling
Yorba Linda, CA

Museums

911 Memorial Museum
Entry Area Ceilings
New York, NY

Aga Kahn Museum
Entry & Gallery Ceilings & Walls
Toronto, Ontario

Art Institute of Chicago
Gallery & Walkway Ceilings
Chicago, IL

Cleveland Museum of Art
Lower Atrium & Entry Ceilings
Cleveland, OH

Dali Museum
Gallery & Grand Staircase Walls
St. Petersburg, FL

Metropolitan Museum of Art
Islamic Galleries Ceilings
New York, NY

Smithsonian National Museum
of American History
Gallery Ceilings
Washington, DC

Performing Arts

Bing Concert Hall
Concert Hall Sails
Palo Alto, CA

Carnegie Hall
Museum & Studio Tower Ceilings
New York, NY

Mount Royal University Conservatory
Lobby Ceilings
Calgary, Alberta

Palacio de Bellas Artes
Gallery Dome Ceilings & Walls
Mexico City, Mexico

Queens Theater
Inverted Dome Multi Color Ceiling
New York, NY

Tobin Center for the Performing Arts
Entry, Lobby, & Lounge Ceilings
San Antonio, TX

Recreation

Allison Spa & Hotel
Lounges, Ballroom &
Meeting Rooms Ceilings
Newburg, OR

Augusta National Golf Club
Entry & Trophy Room Ceilings
Augusta, GA

Liberty National Clubhouse
Ballroom & Restaurant
Ceilings and Walls
Jersey City, NJ

Pelican Hill Resort & Spa
Lobby, Circulation, Ballroom,
Spa & Grille Arched Ceilings
Newport Beach, CA

Religious

Cathedral Church of St. Paul
Gallery Walls
Boston, MA

Ogden Utah LDS Temple
Main Worship Area Ceilings & Walls
Ogden, UT

St. Leon Armenian Cathedral
Curved and Rotunda Ceilings
Burbank, CA

US Naval Academy
Jewish Chapel
Concaved Rear Wall
Annapolis, MD

Restaurants

Bar Boulud
Arched Ceiling & Walls
New York, NY

Blue Hill at Stone Barns
Barrel Vault Ceilings
Pocantico Hills, NY

Cactus Club West
Bar and Lounge Ceilings
Edmonton, Alberta

Hanny's Restaurant
Main & Mezzanine Dining Ceilings
Phoenix, AZ

Sports Venues


Dallas Cowboys Stadium
Owner's Club Section Ceilings
Dallas, TX


NY Yankees Stadium
Boardroom Ceiling
Executive Office Ceilings
New York, NY




BASWA acoustic North America, LLC

21863 Aurora Road, Cleveland, Ohio 44146

855.90.BASWA | baswaphon.com |  @baswaacousticna

 Engineered in Baldeg, Switzerland

 Components Made in USA