

BASWAphon Sound Absorbing Plaster System

40mm Classic Fine Finish Product Data & Submittal Report

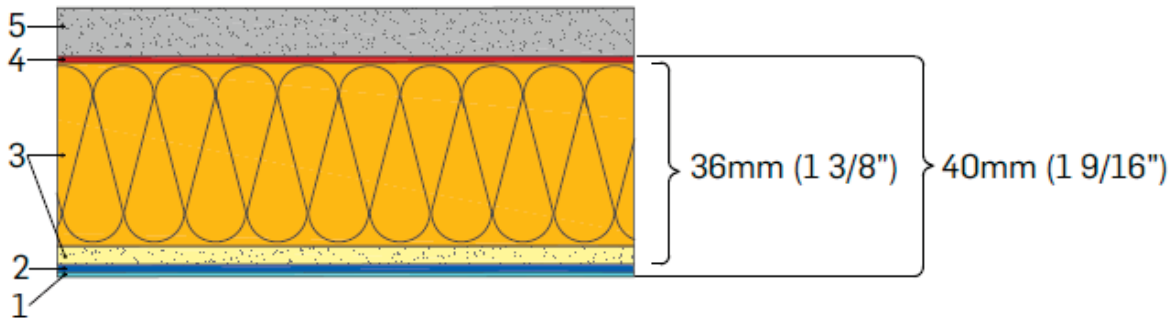
Webster University ISB
Webster Groves, MO
098310

GENERAL INFORMATION

By absorbing sound waves, BASWAphon makes conversation clearer, even in harsh situations, by reducing reverberation time. Reverberation has an important impact on speech intelligibility, affecting safety, health, learning, and quality of life. 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 finish surface to vibrate diaphragmatically against the mineral wool panel, creating a “spring” action. Again, this transforms sound energy into heat energy.

BASWAphon 40MM CLASSIC FINE FINISH SYSTEM

The BASWAphon Classic Fine System is a two coat trowel applied, premium smooth finish.



1. BASWAphon Fine Finish Coat
 2. BASWAphon Base Coat
 3. BASWAphon 36mm Pre-Coated Supporting Panel
 4. BASWAphon Adhesive
 5. Stable Substrate
- * Not shown: BASWAphon Pre-Fill and BASWAphon Vinyl Trims

BASWAphon SYSTEM COMPONENT DATA

BASWAphon Factory Coated & Sanded Supporting Panels™

The 36mm panel thickness is used for 40mm Systems. The factory coated and sanded panels are made of mineral wool and recycled glass bead.

BASWAphon Adhesive™

BASWAphon Adhesive compound is a lightweight gypsum-based adhesive used to adhere BASWAphon Supporting Panels to a solid substrate. BASWAphon Adhesive is fast drying and allows same day filling of seams between panels. It resists damp interior environments where other adhesives may cause delay or failure. It provides low shrinkage and a superior bond strength. It is available in regular and cementitious formulations.

BASWaphon Pre-Fill™

This material is recognized by a black lid on the pail. Made from the same material that is on the face of the supporting panel, Pre-Fill comes dry in the pail and is mixed with water. Pre-Fill is used to fill the seams between the panels and used to pre-coat vinyl trims.

BASWaphon Base™

This material is recognized by a white lid on the pail. Made of crushed marble aggregate with a binder, Base is a loose bodied slurry that is to be applied over the pre-filled BASWaphon panels for the Base coat application.

BASWaphon Fine™

This material is recognized by a blue lid on the pail. Made of a fine crushed marble aggregate with a binder, Fine is a loose body slurry that is to be applied over the dry Base coat for the smoothest finish possible.

BASWaphon Trim™

All trims used in the BASWaphon System are to be vinyl. They are applied to the BASWaphon panel with Trim-Tex #847 spray adhesive. These trims give the BASWaphon a finished drywall / plaster like finish.

BASWaphon Tint™

BASWaphon Base and Fine can be integrally tinted to match any color without adverse effects on acoustical performance using BASWaphon Tint. Tinted material should be batched onsite to ensure even color.

BASWaphon Securtec™

Securtec is a spray-applied stain and moisture repellent coating specifically developed for use with BASWaphon. It does not form a light reflective layer, color, or gloss on the surface. This clear, non-bridging solution creates a protective coating with nominal influence on the acoustical performance of the system.

TEST DATA

Acoustical Performance

The chart below illustrates absorption per the ASTM C423 Standard for E and A Mountings.

Absorption Coefficients	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC Rating
E Mounting	0.31	0.63	0.98	0.90	0.87	0.76	0.85
A Mounting	0.20	0.71	1.02	0.90	0.77	0.77	0.85

Per 2.1.A



Fire Performance

Class A Fire Rating per the ASTM E84 Standard.

Complies with 1.3.C and 2.1.B

Mold & Mildew Performance

Rated 10 / 10 (best rating possible; signifies no growth) on both the front and back face per the ASTM D 3273 Standard.

VOC Compliance

Compliant with the California Section 01350.

Light Reflectance Performance

Light Reflectance Value of .79 per the ASTM E 1477-98 Standard.

GENERAL LEED INFORMATION

BASWaphon 40mm Classic Fine Finish weighs 1.53 lbs per SF, 82% Recycled Content, is SDS Friendly, contains no VOCs, and has a high NRC Rating, high light reflectance, and a high R-value.

• Manufacturing

- Top and Base Coats manufactured in Chardon, Ohio using materials extracted in Marble Hill, Georgia
- Supporting Panels manufactured in Baldeg, Switzerland using materials extracted in Lucens, Switzerland
- Pre-Fill manufactured in Baldeg, Switzerland using materials extracted in Postbauer-Heng, Germany.

INSTALLATION ENVIRONMENTAL REQUIREMENTS

Installation shall comply with requirements of ASTM C842 Standards for Application of Interior Gypsum Plaster.

- A temperature of not less than 55° and not more than 80° F shall be maintained continuously in the area of the installation for a period of not less than one week prior to the application of BASWAphon. Temporary climate control shall be distributed to prevent concentrated uneven heat or cold on the BASWAphon or its substrate until the permanent HVAC system is activated.
- Ventilate building spaces as required to remove excess moisture to promote drying of the applied materials.
- Protect adjacent work from soiling, splattering, and moisture that may be caused by the application of the materials.

STORING MATERIAL

Protect materials against damage from moisture, direct sunlight, surface contamination and other causes by storing in a fully enclosed space. All wet work must be completed in area of storage. Protect all pail goods from freezing. Product that has frozen cannot be used and is not warranted.

CLEANING & MAINTENANCE

1. GENERAL

- A. BASWAphon is installed over a new or existing, stable, sealed substrate. The sealed substrate will not allow air to pass through the product; therefore, only surface maintenance may be required.
- B. Acoustical products perform through the porosity of their surface and therefore cannot be cleaned with conventional products. For the same reason, such surfaces lose their acoustical absorption when painted with traditional paints. **Please note, BASWAphon should not be treated with any bridging paints or coatings.**
- C. Hands should be clean or white gloved when coming in contact with BASWAphon.
- D. If the area of the application will be exposed to unusually abusive soiling conditions, an application of Securtec™, supplied by BASWA acoustic, may be recommended. This stain guard formulated for BASWA products protects against dirt or surface pollutants like food or water, with nominal effect on acoustical properties. Please contact BASWA acoustic for recommendations regarding use of Securtec™.

2. SPECIFIC CLEANING INSTRUCTIONS

- A. **SURFACE DUST & DIRT:** Surface dust and dirt can be vacuumed off using a clean soft brush attachment or blown off horizontally using pressurized air.
- B. **FOOD, ORGANIC, & DEEP STAINS OR WATER DAMAGE:** Surface stains are removed by applying BASWA Clean™, a surface cleaner for BASWAphon Finishes that lifts out stains, dirt, and odors, sold by BASWA acoustic. The two part system, is mixed according to manufacturer's guidelines and is applied to the affected area with a small foam roller. Once applied, this environmentally friendly cleaner begins working immediately for quick, noticeable results.
- C. **SURFACE RENEWAL:** Renewing the finished surface to a "like new condition", may be accomplished on heavily soiled surfaces or for excessive ventilation system dust deposits, if practical cleaning methods are not sufficient. Please contact BASWA acoustic for recommendations regarding repair techniques on any job specific conditions.

3. EXPERIENCE AND CONTRACTED MAINTENANCE

- A. BASWA acoustic is experienced in the cleaning and repair of BASWAphon. Contact BASWA acoustic for recommendations regarding cleaning, maintenance, or repair techniques on any job specific conditions.

END OF SUBMITTAL

BASWA Phon Color Sample

Project: Webster Univ ISD

40mm Classic Fine Finish

Color: SW 7004 Snowbound

Date: 11/2/16

NOTE: For color only. Final color may vary slightly from sample.

☐ COPY OF LETTER

☐ CHANGE ORDER

☐

COPIES	DATE	SIZE	DESCRIPTION
3	11/2/2016	7" x 10"	BASWA Phon Color Sample 40mm Classic Fine Finish
			SW7004 Snowbound

THESE ARE TRANSMITTED

AS CHECKED BELOW

☒ FOR APPROVAL

☐ APPROVED AS SUBMITTED

☐ RESUBMIT _____ COPIES FOR APPROVAL

☒ FOR YOUR USE

☐ APPROVED AS NOTED

☐ SUBMIT _____ COPIES FOR DISTRIBUTION

☒ AS REQUESTED

☐ RETURNED FOR CORRECTION

☐ RETURN _____ CORRECTED PRINTS

☐ FOR REVIEW AND COMMENT

☐ _____

☐ FOR BIDS DUE _____

☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS If samples need to be revised, please contact Paul Gallo at 440.951.6022 to discuss changes. Approved colors should also be submitted to Paul Gallo at paul@baswaphon.com.

COPY TO _____

SIGNED: _____

Paul Gallo

Phillips Interior/Exterior Systems, Inc.

#1414 South State Street / Freeburg, Illinois 62243
TEL: (618) 539-4784 FAX: (618) 539-4825

098310 - Product
Data/Fire
Resistance/Testing

PRODUCT SUBMITTAL #098310 – Acoustical Plaster Surfacing Product: Baswa acoustic

DATE: 2-2-2017

PROJECT: Webster ISB - Drywall SP
Project No: 15051.900
Subcontract No.: 150510002

ARCHITECT: Cannon Design

GENERAL
CONTRACTOR: Paric Corporation

PLASTERING
CONTRACTOR: Phillips Interior / Exterior Systems, Inc.
Contact: Foster Glenn
Cell: 618.581.0752 E-Mail: fosterglenn@phillipsplastering.com

Review / Comments;

Phillips Interior/Exterior Systems, Inc.

#1414 South State Street / Freeburg, Illinois 62243

TEL: (618) 539-4784 FAX: (618) 539-4825

WEBSTER ISB

(Page 2 of 2)

Items Submitted:

Baswa acoustic Product Data Sheets 40mm Classic Fine Finish System

(2) Color Samples: Matching the following color;

Sherwin Williams SW7004 Snowbound

LEEDs Form

Trim Tex - Product Data Sheets

Vinyl Trims Samples (Control Joint / Corner Bead / L - Plaster Stop Trim)



PARIC
EXPERIENCE. EXCELLENCE.

77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0507

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 02/21/2017

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

Fax;
314-241-2203

RE: Acoustical Plaster Product Data

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:		SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings		☒ Approval	☐ Approved as Submitted
☐ Letter		☐ Your Use	☐ Approved as Noted
☐ Prints		☐ As Requested	☐ Returned After Loan
☐ Change Order		☐ Review and Comment	☐ Resubmit
☐ Plans			☐ Submit
☐ Samples		SENT VIA:	☐ Returned
☐ Specifications		☐ Attached	☐ Returned for Corrections
☒ Other: Product Data		☐ Separate Cover Via:	☐ Due Date:

<u>Item</u>	<u>Package</u>	<u>Code</u>	<u>Rev.</u>	<u>Copies</u>	<u>Date</u>	<u>Description</u>	<u>Status</u>
Submittal		098310-002	1		02/21/2017	Acoustical Plaster Product Data	Submitted

NOTES:

CC:

Signed: _____
Devin Gates