

Webster University ISD
Cleaning and Maintenance Guide Sheets

Maintenance

BASWA Phon ACOUSTICAL PLASTER FINISH SYSTEM
Seamless Sound Absorptive Acoustical
Classic Fine Smooth Finish System

PART 1 - CLEANING AND MAINTENANCE

1.1 GENERAL

- A. The BASWA Phon Acoustical Finish System is used to reduce reverberation time, making voice, music and other sound much more intelligible. Its design is based on a fine porous surface that appears to be solid, applied onto a mineral wool panel. High frequency sound energy passes through the pores, into the mineral wool, and is converted into heat energy. Low frequency sound energy vibrates the porous surface diaphragmatically, and is converted into heat energy.
- B. The Seamless Sound Absorption System consists of BASWA Phon Pre-Coated mineral wool supporting panels, which are adhered to a stable substrate. The seams between panels are filled with BASWA Phon Fill. A base coat, BASWA Phon Base and a finish coat, BASWA Phon Top is applied onto the supporting panels on site, per manufacturer's specifications. The Top Coat shall be troweled smooth to give the appearance of a smooth conventional plaster.
- C. Determine if the area of the application will be exposed to unusually abusive soiling conditions. If determined, a spray application of Securtec Surface Protection, supplied by BASWA acoustic North America, LLC, shall be applied to the finished surface after system has completely dried for a minimum of 72 hours. The non-bridging granulate coating resists stains and improves cleanability without negatively affecting acoustical absorption. Application and coverage shall be per manufacturer's specifications.
- D. The BASWA Phon Classic Finish Acoustical Finish System CANNOT BE PAINTED.

1.2 CLEANING AND MAINTENANCE REQUIREMENTS

- A. The BASWA Phon installation is an application wherein the product is adhered to an existing stable sealed substrate. The sealed substrate does not allow air to pass through the product, therefore, only surface maintenance may be required.

1.3 SPECIFIC CLEANING INSTRUCTIONS FOR SURFACE

- A. DUST: Surface dust can be vacuumed off using a soft brush attachment or blown off horizontally using pressurized air.
- B. FINGER PRINTS: Surface stains from dirty fingerprints are removed by applying "Duct Tape" or "Masking Tape" to the affected area. This action lifts the stain from the surface without damaging the finish.

- C. **FOOD STAINS:** Surface stains from food are removed by applying “Duct Tape” or “Masking Tape” to the affected area. This action lifts the stain from the surface without damaging the finish.
- D. **ORGANIC STAINS:** Surface stains from other organic stains are removed by applying “Duct Tape” or “Masking Tape” to the affected area. This action lifts the stain from the surface without damaging the finish.

1.4 CLEANING INSTRUCTIONS FOR DEEP STAINS

- A. Stains that have penetrated the surface and cannot be removed by the above action are removed as follows: Apply a 10% solution of hydrogen peroxide to the imbedded stain. This action “bubbles” the stain to the surface where it can be removed by gently patting the surface with a clean soft white towel. This process can only be used on white finished surfaces.
- B. Water damage stains and rust stains are removed as follows: Apply a 10% solution of hydrogen peroxide to treat imbedded stains. This action “bubbles” the stain to the surface where it can be removed by gently patting the surface with a clean soft white towel. This process can only be used on white finished surfaces.

1.5 RENEWAL OF SURFACE

- A. Renewing the finished surface to a “like new condition”, which may be required at some future date, (at a time frame which cannot be predicted; time based on use of the space), is accomplished as follows: Apply a second layer of BASWA Phon Top-Coat (1/2-mm thick per manufacturer’s installation instructions). The same protection requirements needed for painting are to be performed.
- B. Once a second layer of BASWA Phon Top-Coat has been applied, future coats can only be applied after the exiting Top-Coats are removed. This is simply done by steaming off the Top-Coats with a commercial steamer, a process and equipment similar to that used for the removal wallpaper. This can be done with relative ease. Subsequently, apply a new layer of BASWA Phon Top-Coat (1/2-mm thick per manufacturer’s installation instructions). The same protection requirements needed for painting are to be performed.

1.6 EXPERIENCE AND CONTRACTED MAINTENANCE

- A. BASWA acoustic North America, LLC is experienced in the cleaning and repair of the BASWA Phon product; its repair is substantially equal to the time and effort required to repair a drywall ceiling. BASWA acoustic North America, LLC has directed the repair of installations that have been damaged during construction where our Certified Installers have successfully “patched and matched” adjacent to surfaces.

END OF SUBMISSION



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BASWAphon SYSTEM COMPONENT DATA

BASWAphon Factory Coated & Sanded Supporting Panels™

These panels come in three different thicknesses: 26mm, 36mm and 66mm. 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 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 Classic Fine or Fine finishes.

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 or 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.