



BASWA PHON

The Original Sound Absorbing Plaster System



Baswa Systems

In a room full of reverberating, reflective surfaces and materials (concrete, glass, rock, metal, etc.), the acoustic energy generated in the room is echoed. This results in an unpleasant noise level and diffused acoustics, which impair the the ability to concentrate, and have an adverse affect on wellbeing. Sound absorbing surfaces, on the other hand, destroy a vast amount of the acoustic energy they encounter and thus make it possible to once again clearly identify the original sound source.

BASWA acoustic AG's seamless acoustic plaster solutions aim at the reduction and control of reverberation times in rooms, large halls and entire buildings, creating pleasant acoustic room climates

Baswa Advantages

Efficient sound absorbtion

Absorbtion coefficient up to $\alpha_w=0.90$ (Absorbtion category A)

Smooth surfaces without grooves

Up to 500 m², no expansion joints required (lowered systems up to 120 m²)

Virtually unlimited design options

Rounded, vaulted and cupola designs can be designed acoustically

Outstanding material quality

thanks to 25 years of experience

Made in Switzerland

F&E and product management in Baldegg, Switzerland; production in Switzerland, Germany and the united States

Broad colour palette

No impairment of the acoustic values

Moisture resistant

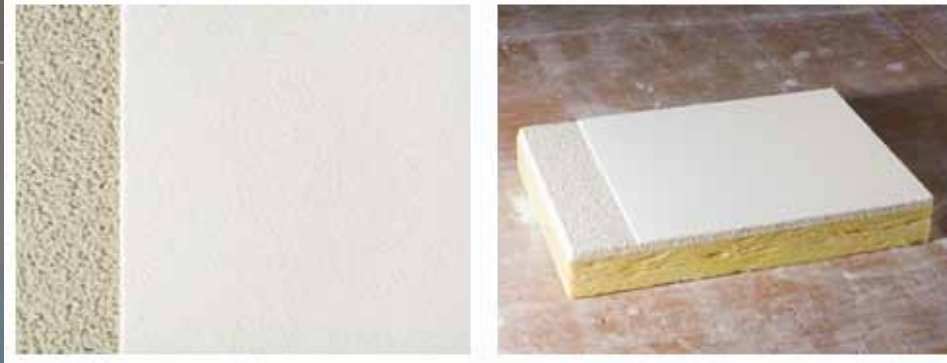
Suitable for swimming pools and spa facilities

Non-flammable

Fire prevention class A2; S1-d0

BASWA Phon Fine

As a One coat system, BASWA Phon Fine has a smooth, fine surface structure. The relatively short installation times are a further advantage.



BASWA Phon Fine features

One coat system

Grain size of final layer 0.5 mm

Fine surface structure

Short installation time

Standard colour ~ NCS S 0500-N

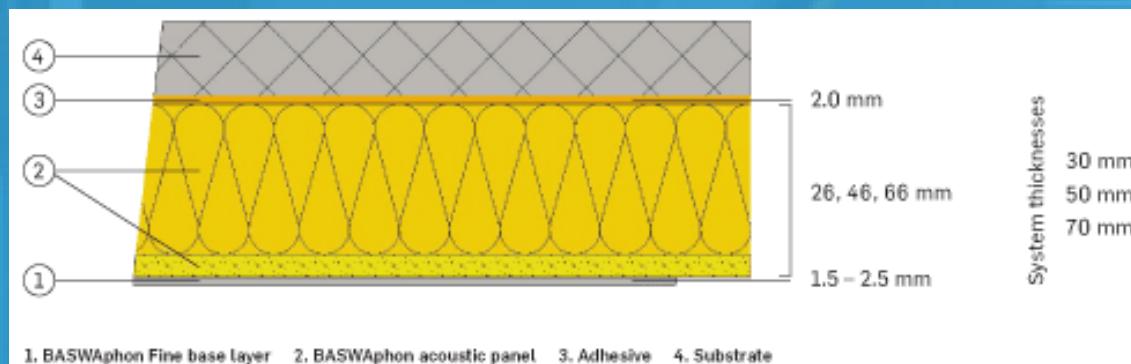
Surface quality maximum Q3

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

Match Any Colour

No adverse affects on acoustical performance



BASWA Phon Base

BASWA Phon Base has a smooth, white, seamless, finely structured and relatively mechanically resistant surface with an interesting price-performance ratio.



BASWA Phon Base features

One coat system

Grain size of final layer 0.7 mm

Short installation time

Standard colour ~ NCS S 0500-N

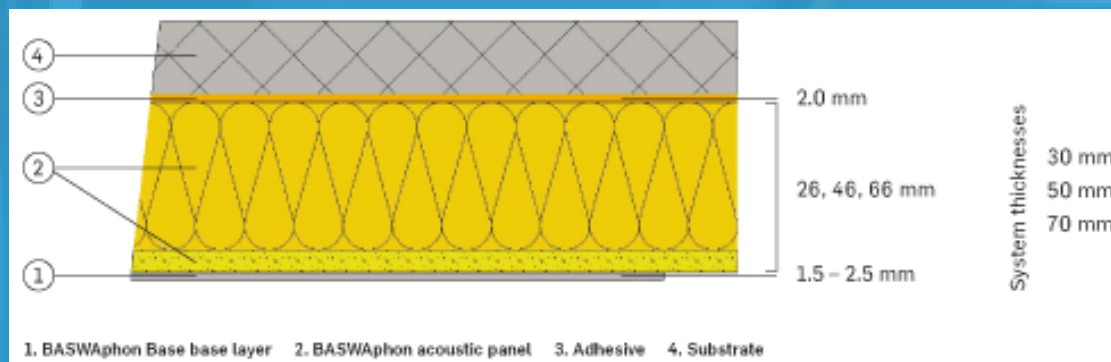
Surface quality maximum Q3

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

Match Any Colour

No adverse affects on acoustical performance



BASWA Phon Classic

This tried and tested system can be applied universally, and combines all the advantages of the BASWA Phon acoustic systems. The system provides the highest degree of design freedom, enabling the creation of the very finest surface structure.



BASWA Phon Classic features

Two coat system

Grain size of final layer 0.3 mm

Grain size of base layer 0.7 mm

Finest surface structure

Standard colour ~ NCS S 0500-N

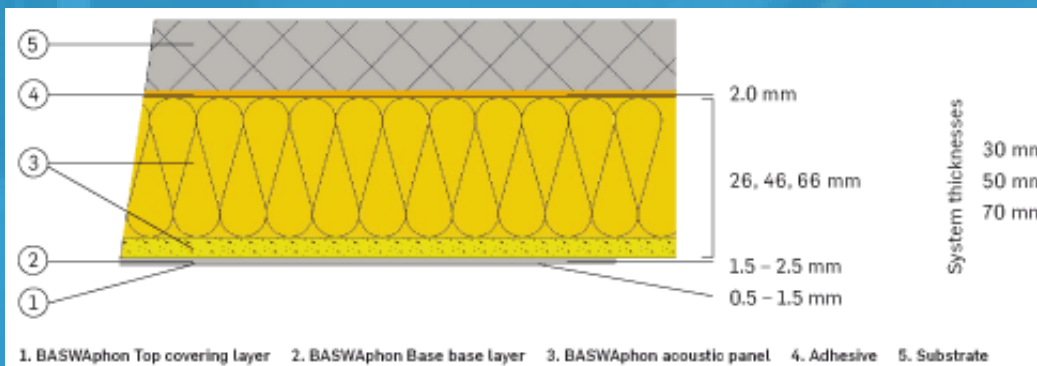
Surface quality maximum Q3

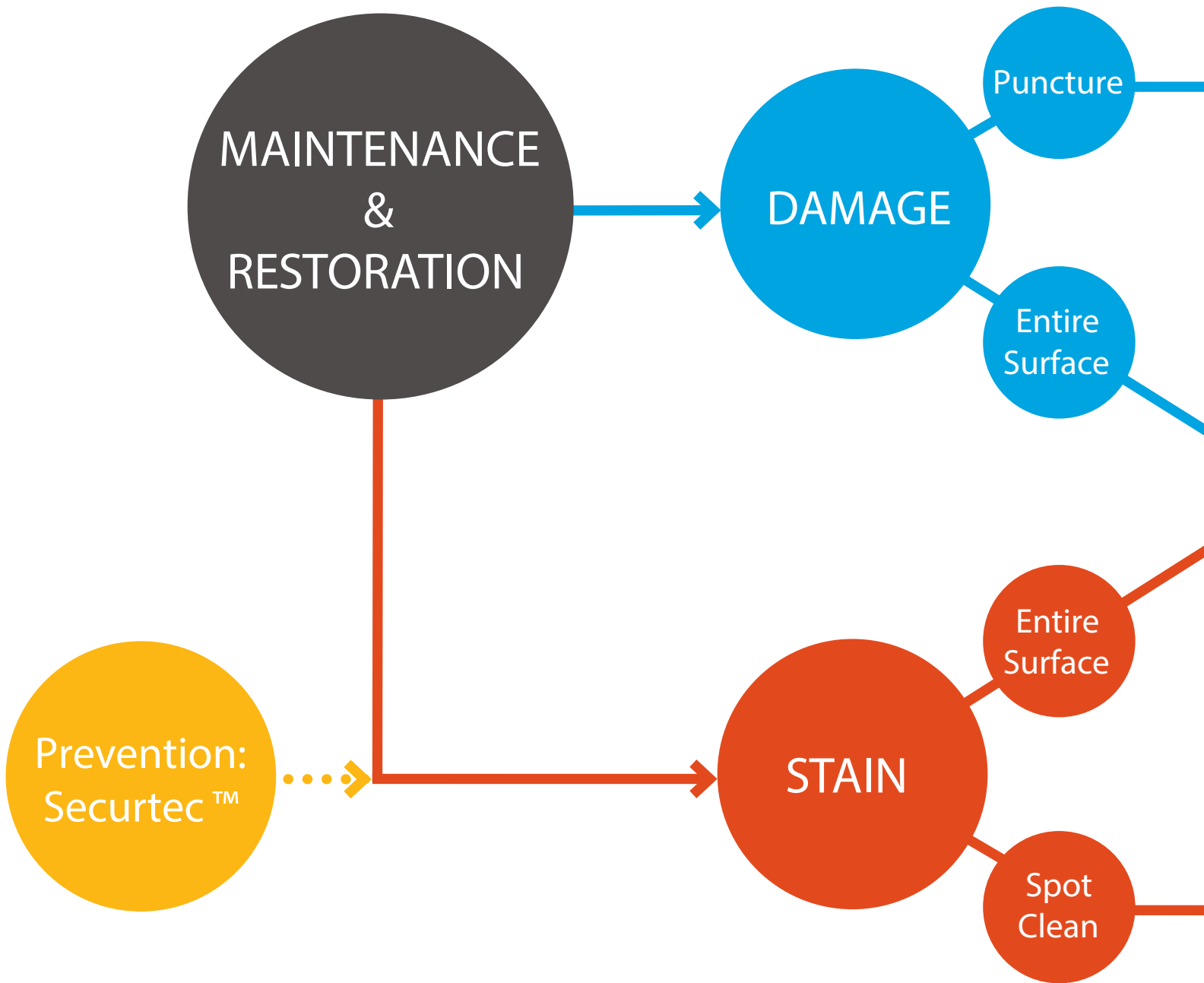
Seamless flat, curved, domed and vaulted surfaces

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Match Any Colour

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

BASWA Clean™
 A surface cleaner for BASWA Phon 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.

BASWA Phon 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.

BASWA Phon 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

BASWA Phon 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

BASWA Phon 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.

About Hamilton Acoustic Solutions

Hamilton Acoustic Solutions are UK Certified Installers for the BASWA Phon range of seamless acoustic plaster solutions. This system is ideal for public sector buildings, museums, restaurants and galleries to solve reverberation issues.

Hamilton Acoustic Solutions are Baswa certified partners and have completed many prestige projects including:



UK certified installation partner

**LINCOLN
CASTLE**

CHANEL

CAFÉ ROYAL
LONDON

**REGENT
STREET
CINEMA**

**OXFORD
BROOKES
UNIVERSITY**

Hamilton Acoustic Solutions
UK Certified Installer

hamiltonacoustic.com