



Installation of BASWA acoustic systems in damp locations

(swimming pools, spa areas, etc.)

2018/1

Product Description and Areas of Application

BASWA Phon acoustic systems may be used in areas that are subject to high humidity (swimming pools, spa areas, bathrooms, kitchens, etc.). Materials used in modern, timeless architecture are mostly sound-reflecting and need additional sound-absorbing surfaces to create a pleasant interior environment.



Ovaverva Pool · St. Moritz · Switzerland (acoustic ceiling)

General Conditions

BASWA acoustic systems can be installed in areas with fluctuating levels of humidity of up to 90% and fluctuating temperatures of up to 30° Celsius. (Based on load class B of the standard EN 13964-2004 D).

The following points should be noted:

Choosing a system

In principle, all BASWA acoustic systems (Base, Fine, Classic Base, Classic Fine and Classic Top) can be installed in humid rooms. However, the finished BASWA surfaces must be treated with BASWA Protect surface impregnation if there is risk of the surface coming into contact with water.

Surface protection BASWA Protect

BASWA Protect is a specially developed premium impregnation system for achieving an in-depth water repellent with optimum protection for BASWA acoustic surfaces. The acoustic performance of the system is not affected by this.

The deep penetration of BASWA Protect into the acoustics system will significantly lower dirt and water absorption. This prevents the immediate ingress of liquids and thus reduces its capacity for absorbing contamination in liquid form, and dirt particles that are mixed in with liquids.

For more information on choosing the appropriate system and the surface protection BASWA Protect, please visit our website at www.baswa.com or contact your local representative.

Substructure

The substructure must satisfy the demands that are pertinent to the respective humid rooms (see also DIN 18 168 T1 and T2, as well as DIN EN 13964-2004 D at least load class C). The substrate must be mineral and solid or consist of a mineral-based suspended system with corrosion protection. BASWA acoustic AG categorically rejects any liability for the substructure.

Dew point

It is important to ensure that the dew point is outside of the BASWA acoustic system, for reasons of planning, construction and climate control, and also in the case of strong fluctuations in room temperature and indoor humidity. If an air conditioning unit is used to create the corresponding stable conditions, it must be ensured that should the system fail, the appropriate measures are in place to prevent condensation forming on the surface.

Exposure to chemicals

The vapours and gases (chlorine, ozone, salt water, etc.) that are usually present in such damp areas (swimming pools) are compatible with the BASWA acoustic system. It is necessary to ensure that no solid or liquid precipitation or deposit forms on the ceiling, which can lead to discolouration. Direct contact from splashing/spraying water must be prevented.

Fixtures

Fixtures, adjacent components and structures must satisfy the demands that are pertinent to the respective humid rooms (corrosion resistance, see quoted standards). There must not be any hot or cold spots in the fixtures, fittings or structures that could lead to corrosion-related damage.

Cleaning

When cleaning the system, make sure that the BASWA acoustic system does not come into contact with any corrosive or highly concentrated detergent; cleaners which are not specifically designed for BASWA acoustic systems may not be applied to BASWA surfaces. When mechanically intensive cleaning processes such as steam cleaners are used on adjacent components (walls, ceilings, columns, windows, etc.), make sure it does not touch or soil the BASWA acoustic system surfaces.

For more information about the cleaning and maintenance of BASWA ceilings, please visit our website at www.baswa.com.

Note when ordering

When placing an order for BASWA products for such projects, please indicate explicitly that the products are to be installed in humid rooms so that appropriate material can be provided.

Please also bear in mind all the relevant system and product information on BASWA acoustic systems (www.baswa.com).

Legal Notice

The above data, particularly the recommendations relating to the processing and application of our products are based on our knowledge and experience, under normal conditions, of the products when properly stored and used. Due to the widely varying materials, substrates and actual site conditions, no guarantee for the results of the work or any liability, from whatever legal relationship can be established either from this information, or from any verbal consultations whatsoever, unless we are proven guilty of wilful misconduct or gross negligence. In this instance, the user has to prove that he has informed BASWA in writing of all the necessary information promptly and in full as required by BASWA for a proper and thorough evaluation. The user must check the products for their suitability for the intended application and purpose. We reserve the right to make changes to our product specifications without notice. The rights of third parties must be observed. Furthermore, our respective sales and delivery terms apply. The version of the most up-to-date Product Data Sheet applies, which may be requested from us.