

### NOISE REDUCTION COEFFICIENT (NRC) RATINGS

BASWA Systems are available in 3 thicknesses.

Thicknesses 30mm - 0.75 - 0.80 NRC Rating

40mm - 0.85 - 0.95 NRC Rating

70mm - 0.90 - 1.00+ NRC Rating

Specify at 25mm (1") minimum 0.80 NRC minimum

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**

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

#### LEED CONTRIBUTION CREDITS

The BASWA Phon 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 high R-values.

BASWA Fine, Base, Adhesive and Trims are manufactured in USA. Certified Test Data and LEED submittals are available upon request.

# **Installation Process**







1

# CEILING PREPARATIONS (PRE-INSTALLATION)

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

BASWA Systems are lightweight; substrates 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 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, BASWA Colors Tint Additive is added on site to the Base and/or Fine Coat(s). 5

## **BASE COAT APPLIED**

BASWA 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.

