

# Acoustic Enclosures & Acoustic Blankets

## All Noise Control In-Plant Enclosures

**Industrial In-plant Enclosures** are available as complete, Partial, or portable enclosures. Enclosure options include sliding dor panels, view windows, strip doors, air intake and exhaust ventilation baffles, partial or full roof panel systems, and corner strips among many other features.

Industrial sound proofing enclosures and sound proofing screens are available in models ANC-AB12 or ANC-AB13 composite panels and may be supported from our standard track and hardware system or our heavy duty structural, steel systems. Enclosures can be floor mounted, ceiling mounted, wall mounted, or suspended from a rock deck.



When using a complete four-sided enclosure with a roof, the noise reduction can exceed 20 db (A) while still offering access, visibility and ventilation.

Partial Enclosures such as a barrier wall, two or three sided enclosure, or a four sided enclosure without a roof can offer noise reduction exceeding 15 db (A) utilizing our Barrier Backed or Barruer Composites. Standard components are utilized to offer custom enclosures to meet your specific application.

## BARRIER COMPOSITE BLANKETS ANC-AB12



The ANC-AB12 model Barrier Backed Composite as a quilted fiberglass absorber bonded to a reinforced loded vinyl noise barrier. A variety of facing are available including our standard industrial grade vinyl facings, an economy scrim facing and a silicone facing for high temperature and an exterior grade facing for outdoor applications.

Curtain panels are typically constructed with a grommets across the top and mating hook and loop closures on the vertical edges. Rolls measuring 54" x 25' are available with edges bound or unbound. All products have a Class a flammability rating

### ANC-AB12 Style: Barrier Backed Combination

- Sound absorptive quilted faced fiberglass on one side of reinforced noise barrier
- Modular acoustical curtain panels feature grommets at top, and hook & loop fasteners along the edges.
- Reinforced barrier back offers excellent durability and abuse resistance.
- Utilized as sliding doors on acoustical curtain enclosures.
- Suitable for outdoor applications
- Custom fabricated for "acoustical jackets" on belowers, fans or compressor housings.
- Also available in bounded or unbounded rools
- STC ratings up to 32, NRC ratings up to .85 Class 1 Flammability rating
- ASTM E-84)



# Noise Barrier Septum Composite ANC-AB13

## All Noise Control In-Plant Enclosures



The ANC-AB13 model Barrier septum Composite is a non-reinforced loaded vinyl noise barrier sandwiched between two layers of quilted fiberglass sound absorbers.

A variety of facings are available including our standard industrial grade vinyl facing, an economy scrim facing and a silicone facing for high temperature or outdoor applications.

Sound curtain panels are typically constructed with grommets across the top and mating hook and loop closures on the vertical edges.

### Style: Barrier Septum Composite

- Sound Absorptive forced quilted fiberglass (gray, white, tan or black) on both sides of noise barrier material
- Modular acoustical curtain panels feature grommets at top, hook and loop fasteners along each edge
- Utilized as perimeter walls, separator walls, or divider partitions between noise sources
- Utilized as absorber/barrier composite liner in enclosures, rooms or buildings
- Adds additional sound absorption to environment
- Also available in rolls with edges bound or un-bound
- STC ratings up to 33, NRC ratings up to .85
- Class 1 flammability rating ( per ASTM E-84 )



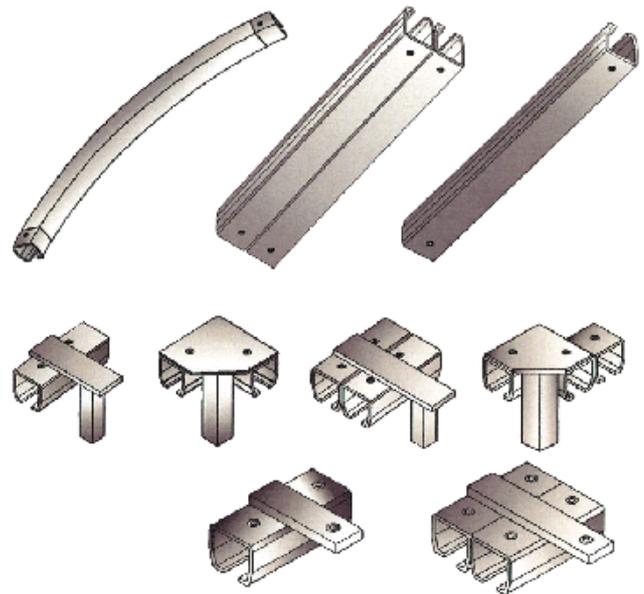
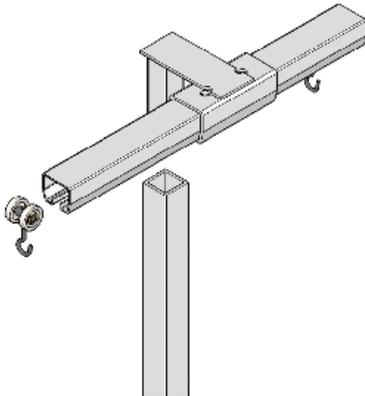
# Acoustic Curtain Support Frame Work



Industrial Track and Hardware systems are designed for the installation of acoustical curtain enclosures and can be configured for ceiling, floor, suspended, wall and beam mounted systems.

The double track systems allow for slide-open access. The heavy duty structural steel systems are utilized on large enclosures...

- Designed for installation of acoustical curtain enclosures
- Double track systems allow for easy access
- Floor, suspended, ceiling, beam, and wall mounted systems
- Heavy-Duty structural steel systems available



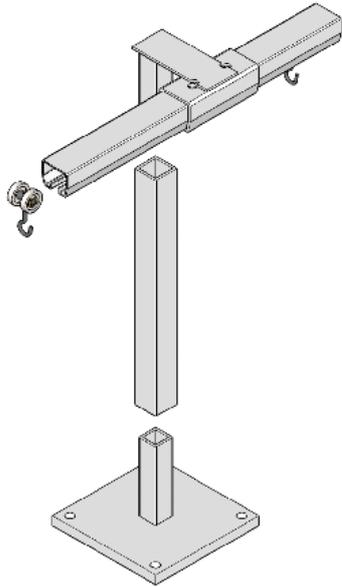
- ◆ Panels may be bolted directly to frame, (photo above) or installed on sliding double track for maximum access (photo below)



- ◆ Utilizes any style of industrial Acoustical Curtain panels
- ◆ 2 1/2" square steel tube framework easily supports roof system as well as roof top ventilation baffles  
Shipped Knock down with CAD drawing provided for
- ◆ easy installation

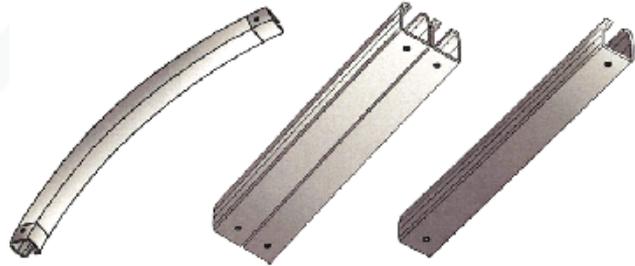
# Floor Mounted System:

Creates a free-standing Acoustical Curtain Enclosure. Designed for easy set-up reconfiguration and relocation by way of universal, interchangeable parts.



## Roller Track:

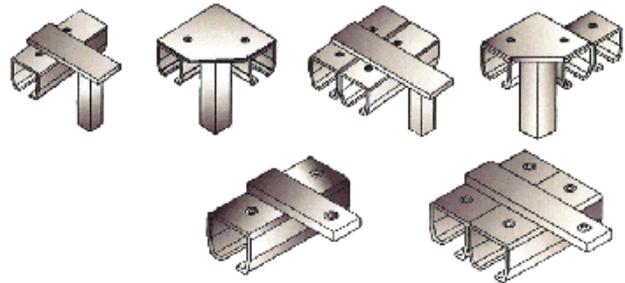
Universal fitting roller track system works with floor, wall, suspended, ceiling mounted or HD curtain enclosures. made from 16 gauge hot-dipped galvanized steel. Single or double track. Curved track : 2 radius, 90° sgl. or .dbl. ALL trackpieces slide into all track connectors.



\* 16 CT curved piece has Bored ends, the same dimension as a connector piece, and will accept straight track pieces fitted into its ends. Once assembled, it functions as a continuous piece of track. Curved connectors are available with mounting hardware for floor, suspended wall, ceiling mounted or HD systems  
-- Double track is two identical pieces to be used with double connectors, but are not physically joined together.

## Track Connectors:

Universal fitting roller track Connectors are made from 10 gauge zinc-plated steel Single or double track; end, corner, middle.



## Universal Track Parts:

Universal fitting roller available in 1 1/2" nylon, or 1" steel. All hook / roller assemblies use two rollers.



## Standard system:

Made from 12 gauge steel. Columns telescope over bases and connectors up to 12' inch height.

## Two floor base options available:

10" square, 1/4" thick steel plate.  
6" square, 3/16" thick steel plate.

\* Roller hooks also available with steel rollers (16 SR-1)/

CAD Drawings provided with all enclosures for easy assembly.