ACOUSTICS AMERICA

Hardware
Guide

A detailed guide to acoustic hardware and mounting.

Introduction

Thank you for choosing Acoustics America for your acoustic needs. We are committed to minimizing noise and maximizing value with our top-quality, made-in-the-USA products.

Improving your acoustics requires proper planning along with an understanding of mounting hardware options. This hardware guide is organized by product type (wall panel, baffle, cloud, etc.) and installation method (flush to wall, flush to ceiling, or suspended from ceiling). It summarizes the benefits of each method to help you select the system that best fits your needs.

Choosing the right hardware is key to avoiding delays or questions on the job site. For example, clarifying "suspended cloud" vs. "flush mounted panel", or "vertical baffle" vs. "horizontal cloud" are crucial distinctions that determine the type of hardware and tools needed. A few minutes of planning will help ensure your installation goes smoothly.

Choosing Your Hardware

Selecting the right hardware is a crucial step in ensuring your project looks great and finishes on time and on budget. Our hardware guide simplifies the process of selecting the right hardware for your project. For example, this guide explains why the Rotofast Snap-on Anchor System is ideal for flush-mount ceiling panels. Once you've chosen your mounting method, this guide will help you select the accessories needed.

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Rotofast Snap-on Anchor System is the premium mounting option for acoustical panels.

- **Versatile Compatibility**: Designed to work with all types of wall surfaces including drywall, brick, and uneven surfaces.
- **Secure Attachment**: Positive locking mechanism ensures panels are firmly attached giving you peace of mind.
- **No Adhesives Required**: Eliminates glue dry time and mess.
- **Easy Installation**: Excellent installation video instructions and optional training support.
- **Substrate-specific Anchors:** YELLOW Rotofast Snap-on Anchors for fiberglass. WHITE Rotofast Snap-on Anchors for polyester.

Advantages of Straight Impaling Clips

- **Contractor Favorite**: Quick and cost-effective installation, especially for larger projects.
- **Optimal Performance**: Works best on clean, straight wall surfaces.

Advantages of Angled Impaling Clips

- **Quick and Easy Installation**: Construction adhesive is optional, no mess and easy clean-up.
- **Convenient Panel Removal**: Ideal for panel cleaning, wall painting and reverb adjustments.
- ***Note:*** always use construction adhesive in commercial settings or setting where the panel could be bumped on the wall.

Rotofast™ Snap-on Anchor System

Impaling Clips

Angled Impaling Clips

800-569-4907

Ceiling Flush-mounted Acoustical Treatments: Fiberglass Core Panels Hardware

Advantages of Rotofast Snap-on Anchor System

Rotofast Snap-on Anchor System is the premium mounting option for acoustical panels.

- **Versatile Compatibility**: Designed to work with all types of wall surfaces including drywall, brick, and uneven surfaces.

- **Secure Attachment**: positive locking mechanism is the industry's strongest connection - most secure way to attach fabric-wrapped fiberglass panels to ceilings.

- **No Adhesives Required**: Eliminates glue dry time and mess.

- **Easy Installation**: Excellent installation video instructions and free training support.

- **Substrate-specific Anchors**: YELLOW Rotofast Snap-on Anchors for fiberglass. WHITE Rotofast Snap-on Anchors for polyester.

Rotofast™ Snap-on Anchor System

Rotofast™ Snap-on Anchor (SKU: 12740)
Rotofast™ Snap-on Anchor, Black Ratchet, Wall Anchor, Screw

Length:	2"
Width:	0.875"
Thickness:	N/A
Weight:	N/A
Material:	Polypropylene
Load Rating:	45 lbs
Application(s):	Wall Mount
Finish:	Orange
Compatible with:	Fiberglass Substrate

Impaling Clips (SKU: 12724)

Length:	1.5"
Width:	1.125"
Thickness:	0.6875"
Weight:	0.5 oz
Material:	G90 Galvanized
Load Rating:	N/A
Application(s):	Wall Mount
Finish:	Metal
Compatible with:	Fiberglass Substrate

Rotofast™ Hex Tool (SKU: 92005)

Length:	3.25"
Width:	3"
Thickness:	0.5"
Weight:	N/A
Material:	Polypropylene
Load Rating:	N/A
Application(s):	Wall Mount
Finish:	Orange
Compatible with:	Fiberglass Substrate

Angled Impaling Clips (SKU: 12706)

Length:	3"
Width:	1.625"
Thickness:	0.75"
Weight:	0.7 oz
Material:	G90 Galvanized
Load Rating:	N/A
Application(s):	Wall Mount
Finish:	Metal
Compatible with:	Fiberglass Substrate

Rotofast™ Marking Plug (SKU: 92010)

Length:	0.75"
Width:	0.75"
Thickness:	N/A
Weight:	N/A
Material:	Polypropylene
Load Rating:	N/A
Application(s):	Wall Mount
Finish:	Orange
Compatible with:	Fiberglass Substrate

Bass Trap Impaling Clips

Length:	3.25"
Width:	2.06"
Thickness:	2.1875"
Weight:	2.7 oz
Material:	G90 Galvanized
Load Rating:	N/A
Application(s):	Wall Mount
Finish:	Metal
Compatible with:	Fiberglass Substrate

800-569-4907

Loctite Powergrab Adhesive *(SKU: 90001)*

Length:	N/A
Width:	N/A
Thickness:	N/A
Weight:	9 oz
Material:	Synthetic Latex
Load Rating:	N/A
Application(s):	Wall Mount
Finish:	N/A
Compatible with:	Fiberglass Substrate

1" Corkscrew Hanger

Length:	2"
Width:	0.85"
Thickness:	1"
Weight:	N/A
Material:	Steel
Load Rating:	15 lbs
Application(s):	Ceiling Mount
Finish:	Metal
Compatible with:	Fiberglass Substrate

Rotofast™ 1" Cloud Anchor *(SKU: 92007)*

Length:	1.187"
Width:	2"
Thickness:	2"
Weight:	N/A
Material:	Polypropylene
Load Rating:	N/A
Application(s):	Ceiling Mount
Finish:	Orange
Compatible with:	Fiberglass Substrate

2" Corkscrew Hanger *(SKU: 92005)*

Length:	3"
Width:	1.25"
Thickness:	1.25"
Weight:	N/A
Material:	Steel
Load Rating:	40 lbs
Application(s):	Ceiling Mount
Finish:	Metal
Compatible with:	Fiberglass Substrate

Rotofast™ 2" Extended Cloud Anchor *(SKU: 92008)*

Length:	2.7"
Width:	2"
Thickness:	2"
Weight:	9 oz
Material:	Polypropylene
Load Rating:	N/A
Application(s):	Ceiling Mount
Finish:	Orange
Compatible with:	Fiberglass Substrate

Polyester Core Panels Hardware

Polyester panel anchors are designed specifically for polyester core acoustical panels. Just like fabric-wrapped panels, polyester core panels reduce echo and and control reverberation issues. These panels are durable, functional, and offer excellent tackability.

- **Durability and Functionality**: Polyester core panels are built to last and provide excellent tackability, making them a versatile choice for various applications.

- **Echo Reduction**: Just like fabric-wrapped panels, polyester core panels are effective in reducing echo and controlling reverberation issues.

Read on to discover our polyester hardware options and the differences between our offerings.

Rotofast™ Polyester Snap-on Anchor

Rotofast™ Polyester Snap-on Anchor *(SKU: 92012)*

Rotofast™ Polyester Snap-on Anchor, Black Ratchet, Wall Anchor, Screw

Length:	2"
Width:	1"
Thickness:	1"
Weight:	N/A
Material:	Styrene
Load Rating:	N/A
Application(s):	Wall Mount
Finish:	White
Compatible with:	Polyester Substrate

Double-sided Adhesive Tape

Length:	230"
Width:	1" nominal
Thickness:	N/A
Weight:	N/A
Material:	N/A
Load Rating:	N/A
Application(s):	Wall Mount
Finish:	N/A
Compatible with:	Polyester Substrate

Rotofast™ Polyester Cloud Anchor *(SKU: 12738)*

Length:	2"
Width:	0.75"
Thickness:	0.75"
Weight:	N/A
Material:	Styrene
Load Rating:	50 lbs
Application(s):	Ceiling Mount
Finish:	White
Compatible with:	Polyester Substrate

Suspension Hardware

Polyester acoustic clouds and baffles are versatile and eco-friendly solutions for reducing background noise, echo, and enhancing sound quality. Made from 60% recycled material and 100% recyclable, they are environmentally friendly, odorless, non-toxic, and resistant to moisture, fungi, and bacteria. Polyester acoustic products are functional, visually appealing, and, when paired with our polyester suspension wires, easy to install. Read on to learn which suspension wire system is right for your application.

800-569-4907
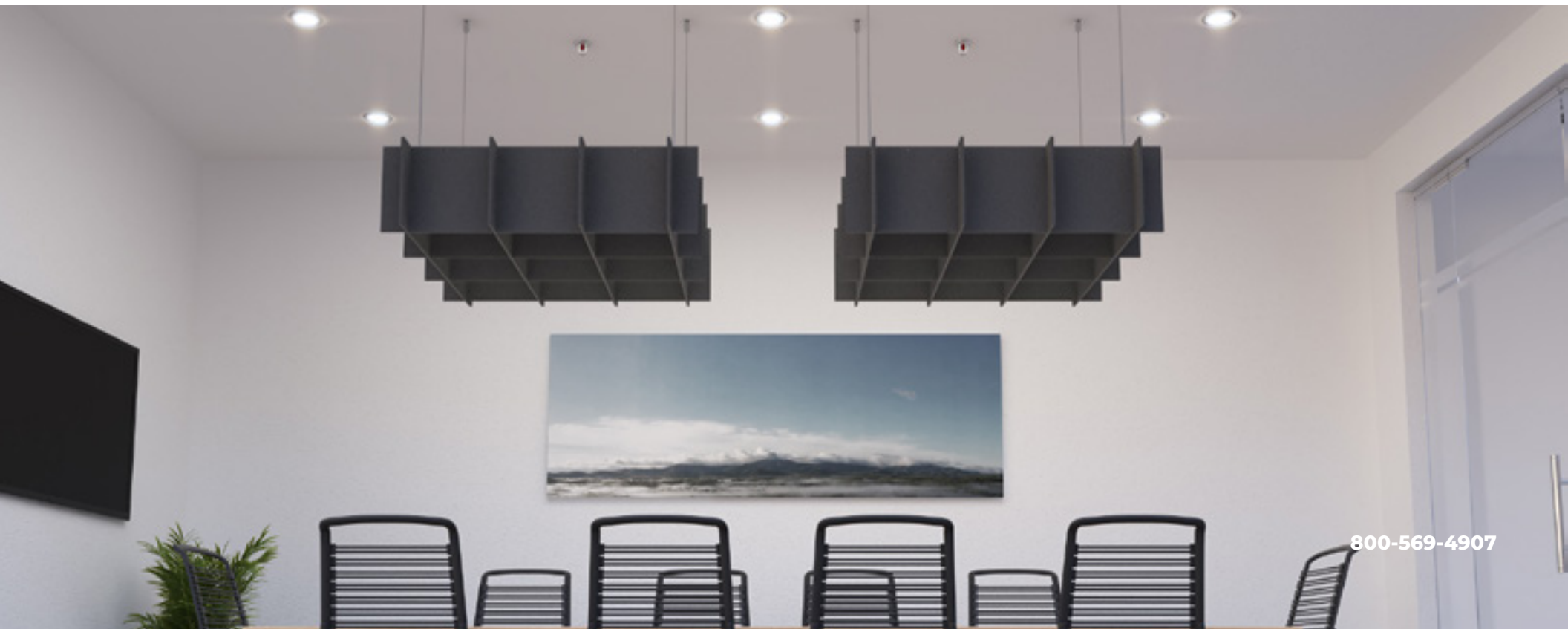
24mm Hook/24mm Hook *(SKU: 92021)*

Length:	Adjustable up to 78"
Width:	N/A
Thickness:	0.059"
Weight:	N/A
Material:	Stainless Steel
Load Rating:	66 lbs
Finish:	Metal
Compatible with:	Ceiling Cloud Anchors

Pellet/Clevis *(SKU: 92023)*

Length:	Adjustable up to 78"
Width:	N/A
Thickness:	0.059"
Weight:	N/A
Material:	Stainless Steel
Load Rating:	66 lbs
Application(s):	9-10mm Thick Polyester
Finish:	Metal
Compatible with:	Drywall, Wood, Metal Ceilings

Pellet/24mm Hook *(SKU: 92022)*

Length:	Adjustable up to 78"
Width:	N/A
Thickness:	0.059"
Weight:	N/A
Material:	Stainless Steel
Load Rating:	66 lbs
Finish:	Metal
Compatible with:	Drywall, Wood, Metal Ceilings
Not Compatible:	ACT Hook

24mm Hook/Clevis *(SKU: 92024)*

Length:	Adjustable up to 78"
Width:	N/A
Thickness:	0.059"
Weight:	N/A
Material:	Stainless Steel
Load Rating:	66 lbs
Application(s):	9-10mm Thick Polyester
Finish:	Metal
Compatible:	Polyester Substrate
Not Compatible:	ACT Hook

Ceiling Cloud Hanging Wire

Length:	Adjustable up to 78"
Width:	N/A
Thickness:	0.059"
Weight:	4.2 oz
Material:	Stainless Steel
Load Rating:	40 lbs
Application(s):	Ceiling Mount
Finish:	Metal
Compatible with:	Fiberglass Substrate

ACT Hook

Length:	2"
Width:	2"
Thickness:	2"
Weight:	N/A
Material:	Styrene
Load Rating:	10 lbs
Application(s):	ACT Drop Grid
Finish:	White

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