Acousstop Louver Installation & Care Guide

1. Product Snapshot

Designed to provide optimal acoustic performance (Transmission Loss; dB) with minimal airflow restrictions.

Reduces airborne noise while allowing continued airflow. Used in building openings and around mechanical plants.

Material: Aluminium or Galvanized Iron. Types: Inclined & Pyramid.

Weather proof, non-combustible acoustical infill. Water proof. Permit air flow.

Louver blade orientation blocks horizontal line of sight. Packed with inert, vermin and moisture proof mineral fiber.

Available in any RAL colour powder coated. Customized design with choice of finishes and material options.

2. Storage & Handling

Before You Start

- Store louvers flat on a rigid, level surface with full support.
- Use protective layering between louvers to prevent surface damage.
- Protect from moisture, direct sunlight, and extreme heat.

Avoid Compression

- Do not stack excessively; maintain manageable stack heights.
- Store in a dry, temperature-controlled environment.
- No leaning, bending, or vertical stacking of louver panels.

3. Installation

Acousstop Louvers are installed using Anchoring & Screw Fixing systems. Louver depth options: 150mm, 300mm, 450mm, 600mm & customized. Ensure proper support and alignment.

Anchoring & Screw Fixing System

1. Mark wall/opening layout and install anchoring hardware per project specifications.
2. Position louver frame (1.5mm to 2.0mm thick) into the opening and secure with screw fixing.
3. Ensure louver blades (75–100mm thick, positioned at 45° angle) are correctly oriented to block horizontal line of sight.
4. Verify level alignment and consistent spacing. Confirm acoustic infill (Rockwool) is intact and undamaged.

Note: Mounting methods depend on the product profile and project specifications. Follow site instructions for fixing hardware, louver depth, and spacing. Louver frame is 1.5–2.0mm thick; blades are 1.0mm GI or aluminium at 45° angle.

4. Care & Cleaning

Regular Maintenance

Clean regularly with a soft brush, microfiber cloth, or low-pressure vacuum. Inspect louver blades and frame for damage or corrosion periodically.

Spot Cleaning

Blot gently with a damp cloth. Use mild soap solution for stubborn stains on the powder-coated surface.

What NOT to use

Avoid abrasive pads, bleach, ammonia, solvents, or high-pressure water/air cleaning that may damage the powder coat or acoustic infill.

Environment

Keep surrounding area free of debris that may block airflow. Maintain clean HVAC filters. Ensure free area (30-40%) is not obstructed.

5. Do's & Don'ts (Quick Reference)

Do

- Clean louvers regularly with soft brushes or microfiber cloths.
- Inspect frame, blades, and anchoring hardware periodically.
- Maintain clear free area (30–40%) for optimal airflow and acoustic performance.
- Follow project specifications for any replacement or repair.

Don't

- Use abrasive cleaners, harsh chemicals, or solvents on powder-coated surfaces.
- Expose acoustic infill (Rockwool) to direct water or excessive moisture.
- Apply high-pressure air or water to louver blades or infill.
- Repaint or refinish without consulting manufacturer (may affect acoustic performance).

6. Help & Support

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