

LINEA **R**ESPONSE

INVISIBLE SPEAKERS & SUBWOOFERS

- ▶ Tips
- ▶ Troubleshooting
- ▶ Installation Videos
- ▶ And More at:

StealthAcoustics.com

Wall Finish Options

▶ Paint, Plaster & Wallpaper

STANDARD TEXTURE & PAINT FINISHES

Most invisible LineaResponse speakers are finished with a light texture with latex paint well under the $\frac{1}{16}$ " (2mm) material coverage limitation. If installed according to the instructions in this document the speaker will become completely invisible after the texture and paint finish. More advanced finish techniques (noted below) are possible and require a close attention to detail but can result in a quality finish and quality speaker output.

WALLPAPER FINISHES

When finishing LineaResponse speakers with wallpaper, it is important to use care when selecting the type of wallpaper being applied. For best results use traditional or vinyl wallpaper up to $\frac{1}{16}$ " (2 mm) in thickness. **Some types of wallpaper (extra thick, foam, or spongy) can hinder the high frequencies being emitted. This creates a muffled sound from the speaker.**

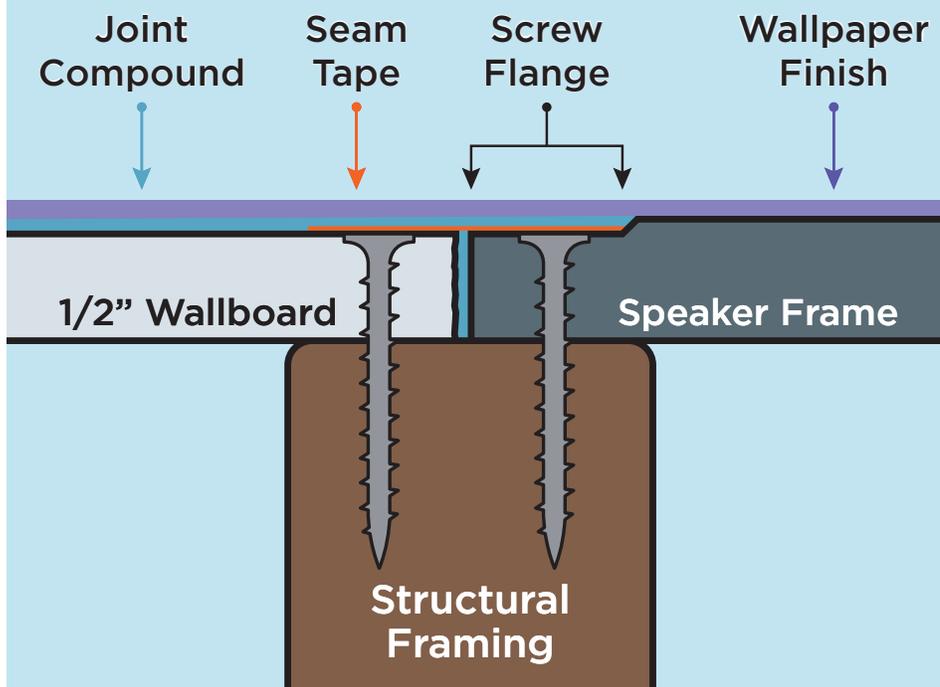
To prep a speaker installation for a wallpaper finish, the wallboard and speakers should be taped, mudded, and sanded according to the instructions for a smooth wall finish. Once the sanding is complete and the wall is free of blemishes; apply a coat of latex primer followed by the wallpaper.

As with any wall finish over Stealth Acoustics speakers, it is imperative to never exceed the 1/16" (2 mm) of material over the face of the speaker. This can result in poor sound quality and is not covered by the manufacturer's defect warranty.

Please contact Stealth Acoustics customer service if you have any further questions regarding wallpaper or other special finishes.

WALLPAPER FINISH

Wallpaper up to $\frac{1}{16}$ " (2mm) may be applied. Finish the wallboard using the same steps for a painted finish. Apply wallpaper after primer.



HEAVY PLASTER OR LEVEL 5 FINISHES

When installing LineaResponse speakers into walls or ceilings specified for finish with a heavy application or skim coat of plaster (or other plaster-like material) over the wallboard, proper registration of the speaker face relative to the surface of the unfinished wallboard is critical. The speakers may be skim-coated with almost any plaster type material so long as the maximum material coverage of $\frac{1}{16}$ " (2 mm) is not exceeded.

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To install LineaResponse speakers into a wall or ceiling where the specified heavy-plaster coat will exceed $\frac{1}{16}$ " (2 mm) on the wallboard, the installer must use the additional provided shims to move the speaker forward in relation to the wallboard. The distance forward will be determined by the specified depth of the plaster coat. For example, if the plaster coat is to be $\frac{3}{16}$ " (5 mm) thick, then the speaker must be shimmed forward in relation to the wallboard by an additional $\frac{1}{8}$ " (3 mm) – so that while the wall or ceiling will be covered with the specified $\frac{3}{16}$ " (5 mm) plaster coat, the amount over the speaker itself remains at $\frac{1}{16}$ " (2 mm) or less. In this example the speaker would be protruding beyond the wallboard by approximately $\frac{1}{8}$ " (3 mm).

- ▶ A set of shims is included with each speaker. For projects requiring additional shimming a Shim Kit accessory package may be purchased. Additionally, any appropriate construction materials may also be used for shimming.
- ▶ If the plaster being applied to the wall or ceiling contains the final color of the finish, we recommend that the speaker be primed with a latex primer using the same color as the finishing plaster before the plaster is applied. This will allow a thinner coat of plaster to be applied over the speaker and obtain the proper finish color to avoid "ghosting."
- ▶ If paint is to be applied over the heavy plaster Stealth recommends that no more than 4 or 5 total coats of paint be applied for optimum speaker performance. **The total thickness of plaster and paint should not exceed the 1/16" (2 mm) limitation.**

