

LINEA RESPONSE

INVISIBLE SPEAKERS & SUBWOOFERS

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Applying Wood Veneer

▶ Advanced Finishing Techniques for LineaResponse Speakers

OVERVIEW

LineaResponse invisible speakers are compatible with veneer finishes, but great care and attention to detail are required to achieve optimum results. Applying veneer finish over LineaResponse speakers follows a similar procedure as applying veneer to other surfaces but with a few key differences outlined below. **Please review the entire process before proceeding.**

- ▶ Stealth Acoustics individually tests each speaker at the factory. For veneer applications however, **it is critical to test the speaker upon delivery with a proper amplifier and source audio before proceeding further.**
- ▶ The front FidelityGlass™ surface of LineaResponse speakers is a flexible surface with audio drivers attached directly to it inside. **When preparing for and applying veneer to LineaResponse speakers, care must be taken to apply gentle, even pressure to not over-flex the speaker face and potentially damage the speaker.**
- ▶ Stealth Acoustics recommends using veneer with factory-applied paper back adhesive. Alternatively, *3M™ Hi-Strength 90 Spray Adhesive* may be used. Apply evenly to both surfaces, let sit one minute then proceed.
- ▶ Some wood colorant/stain products may penetrate the veneer and interfere with glue adhesion so it is recommended to color and cure the veneer before installation. Test first on a scrap of material. Clear coat finishes may be applied after installation.

PREPARATION

LineaResponse speakers come pre-primed and are designed to handle finish materials to a maximum of 2mm thickness. For veneer application, after the speaker has been tested, the latex primer on the front of the speaker must be removed. Use a mild scouring pad and water to carefully remove the primer finish down to the smooth FidelityGlass™ surface. The front of the speaker is waterproof but do not allow water to get on the rear components. **Upon request, un-primed speakers are available for special order - contact Stealth Acoustics.**

VENEER APPLICATION

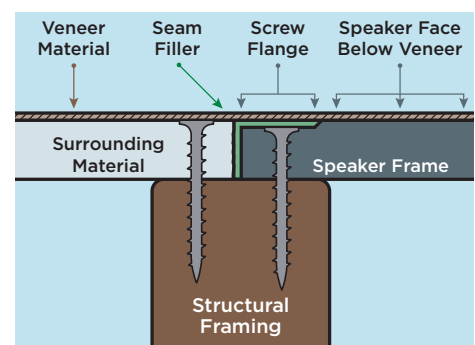
Prepare the surfaces following the instructions for the adhesive type used. Overlay the veneer using standard veneer procedures. **When veneer is applied to LineaResponse speakers, care must be taken to apply gentle, even pressure to not over-flex the speaker face and potentially damage the speaker.** It is critical to get a full bond to the speaker face. Voids in the bond could allow the veneer to vibrate.

ADDITIONAL INFORMATION

The speaker should have secure framing on all four sides. The speakers are installed following all standard installation procedures (*see installation documentation*) with the exception of the installation depth and seam finishing procedures.

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 warranty.

Please contact Stealth Acoustics with further questions regarding veneer or other special finishes.



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