

## Required Equipment

- Paintbrush and or roller
- Respirator & gloves
- Mixing paddle
- Cleaner/degreaser
- Isopropyl alcohol, pre-paint cleaner, or other non residue cleaner
- "Shutz" spray gun & air compressor (optional)
- 3M Super Trim or Super 77 adhesive
- Heavy-duty scissors or utility knife
- Poster board or butcher paper

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## Installation Tips

db™ Skin should always be applied before Stealth™ Shield is installed

Smooth plastic panels should be scuffed with 80 grit sandpaper (No PTE) prior to the application.

Use two coat of db™ Skin of 25 mil each, allowing 1 hour between applications. If you choose to spray db Skin, airless sprayers are recommended with a tip size of .019 or .021.

Spraying with a siphon feed gun is a little tricky. Cut the db™ Skin about 5% with water. A siphon feed undercoat gun, shutz, truck bed coating gun or a minimum nozzle size of .060 to .070 with a recommended 40 psi at starting.

Allow db Skin to cure for 24 hours before installing the Stealth Shield

## Installation Steps: db Skin

1. Put on respirator and gloves (and paint suit optional).
2. Slowly mix db Skin from the bottom up after opening. Mixing too fast can damage components of the nano-technology used for sound damping.
3. Make sure that all wire harnesses, linkages and anything you do not want treated are properly masked off and or covered.
4. Be sure to clean the surface(s) by cleaning and degreasing them. Give the panel one final wipe with isopropyl alcohol or aerosol glass cleaner to remove unwanted residue.
5. db Skin may be applied with either a paintbrush, roller, or the "shutz" spray gun. If using a siphon, be sure to set the pressure to 40 psi for the best results. If the pressure is too high, the material will atomize causing less db Skin to make it onto the surface.
6. To reduce drying time, apply in layers of 25 mil. Ultimately the finished film thickness should be no thicker than the panel being treated. In most cases a .5/1 ratio of db Skin to panel thickness will yield good damping performance. As the db Skin dries, the color will shift from purple to black.
7. Do not top coat with paint or clean coat until the material has thoroughly dried. A top coat will seal the material allowing it to become waterproof.
8. You may clean up db Skin with warm water, however once the material has dried, some sanding may be required.
9. Make sure the db Skin container is sealed and any application tools have been cleaned thoroughly and stored properly in a dust free environment.
10. Done!



## Tools Required

- Heavy-duty scissors or utility knife
- Poster board or butcher paper
- Pre-paint cleaner, isopropyl alcohol or other non-residue cleaner
- 3M Super Trim Adhesive or other spray trim adhesive (optional)



## Installation Tips

Be sure the db™ Skin has been installed first and has been allowed to cure for 24 hours.

Always wear safety glasses, dust mask and gloves when working with Stealth™ Shield

Use poster board or butcher paper to make a template. For surfaces with severe bends, it may be necessary to cut relief lines or wedges to get product to conform. Transfer template to Stealth™ Shield and cut.

## Installation Steps: Stealth™ Shield

1. Install db Skin™ first let it cure for 24 hrs before installing Stealth Shield.
2. Clean the surface of dried db Skin, wipe with non-residue cleaner
3. Use the poster board or heavy paper to make a template. Transfer template to stealth shield and pre-fit HP Stealth Shield to headliner/roof panel. Make and cuts and modifications to the HP Stealth Shield now.
4. After Stealth™ Shield has been pre-fit and cut, spray back of cloth and panel or component you are applying Stealth Shield to. A light mist to cover the entire surface.
5. Spray the db Skin previously applied to the roof panel with a light mist of your trim adhesive.
6. Allow adhesive to get tacky and press Stealth™ Shield into place. Start on one edge of panel or component and work out slowly to ensure no "bubbles" occur. Air bubbles will cause the material to not stick and fall off. Press firmly for 30 seconds.
7. Install headliner and related interior trim pieces.
8. Cruise cooler!

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