db Defender   Product Installation

Required Equipment

- Heat gun
- Your favorite cleaner/degreaser
- Utility or hobby knife
- Isopropyl alcohol, pre-paint cleaner, or other non residue cleaner

- Straight Edge Ruler
- Roller tool (optional)
- Poster board/Heavy paper (optional)
- Tape measure

Installation Tips

Leave one door intact, remove the panel, but leave all linkages, harnesses, and anything else in place. This way you have a point of reference while you are working on the opposite door.
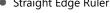
When using the heat gun, if the material is too hot to touch, it's too hot to work onto the surface. At this point the material may be molten, let it cool down a little and proceed.

db Skin can be used on outer door skins before installing db Defender

Be patient – Performance of product is greatly affected by your attention to detail.

Installation Steps

1. To determine the proper dimensions of db Defender to be installed, use the door panel or interior panel (if available) as a template. If neither is available, use a poster board or heavy paper to make template.

2. Roll out the db Defender, place the interior panel or template you created on top of the sheet (black side) and scribe a line around the panel and onto the damping sheet. Then, proceed to cut 1/4" in from the scribe line. This will ensure that excess material does not extend out from behind the interior panel once the interior panels have been reinstalled, db Skin will stretch.

3. Measure and note the locations of wire harnesses, linkages, door panel mounting holes, and where they will pass through the damping sheet. Mark the locations on the db Defender. Cut the openings for these components using a knife or hole saw (for larger openings). Pro tip: Set drill in the reverse direction, cutting slowly in reverse will produce a clean cut and prevent tearing of the db Defender.

4. Be sure to clean the surface of the body panel or door by cleaning and degreasing them. Give the panel one final wipe with isopropyl alcohol or aerosol glass cleaner to remove unwanted residue.

5. Grab the db Defender, pull down the white release liner paper approximately 3" and position the sheet starting on one edge of the body panel or if installing on a door, start with the top and work down. Be sure it is centered!

6. Using your palm, bond the sheet to the door all the way across the top. Use the heat gun to allow the material to mold and conform to any irregular surface that may be present. Make the db Defender warm, not hot.

7. Continue to install the sheet, by hand, pulling the release liner down 4" to 6" at a time and working from the top of the door down and then from the center of the db Defender to the outside edges. Work on small sections at a time (6" x 6"). Again, a heat gun will allow the material to stretch and conform to an irregular surface.

8. Any pockets of trapped air are easily removed. Using your utility or hobby knife, make a small hole at the edge of the bubble, heat slightly with the heat gun and then use your fingers to force the trapped air out of the hole

9. The material will stretch and there will most likely be excess at the bottom. Using the opposite door as a reference, estimate how much will have to be trimmed off of the bottom before it is bonded to the surface of the door.

10. If you have accidentally covered any of the door panel fastener mounting holes or other openings carefully cut out the excess material directly over the opening. Pro Tip: Use a heat gun to warm covered opening will help with removal.

11. Excess db Defender may be used to tape down wire harnesses if necessary.

12. Optional, if painting or taping, be sure to clean the surface of the body panel or door by cleaning, and give the db Defender one final wipe with isopropyl alcohol or aerosol glass cleaner to remove unwanted residue.

13. If you need to remove the db Defender, a heat gun may be necessary. Start in one corner, and use a plastic scraper, work your way outward. To remove any adhesive from the panel, wipe with a cloth soaked in WD-40.

14. Done!