



# HushMat installation in a '32 Ford Coupe Cool, Quiet & Comfortable

By Mr. Al Knack, Cotter, Arkansas



- 1. These are the HushMat products and suggested tools needed to install Hushmat in any type vehicle. A tape measure, scissors, utility knife, straight edge, and small hard roller are essential, but the gloves are optional. I personally didn't need them and had no problems.**

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- 2. This is the bare interior of the 32 Ford coupe fiberglass car body before the installation began. The seat was removed along with the dash, steering column and everything under the dash as this is a new build street rod.**



- 3. The trunk area was open as well so installation was easier. There is no special preparation of the surface needed before installing HushMat. No acetone or other solvent cleaning of the surface was required with HushMat. I vacuumed the complete inside of the body to remove any dirt that was loose on the floor.**





- 4. The roof in the coupe has wooden bows for attaching a headliner. I unscrewed them from the wood frames around the doors, and removed them for ease of installing the HushMat sheets.**



- 5. The roof area was installed first to eliminate potential damage of the HushMat Ultra sheets on the floor, if installed first. As you can see a measurement of the roof width was taken to find the center.**



6. After locating the center of the roof area, a straight edge and felt tip pen were used to draw a line on the roof. I found this to be a good way to decide how I was going to install the HushMat Ultra sheets and get the most material use without waste. The HushMat Ultra sheets used are 12X23 inches (which made them very easy to handle and install).





- 7. The HushMat Ultra can be cut to fit any area using a straight edge and utility knife on a piece of wood as shown here.**



- 8. You simply peel the brown backing paper off of the HushMat Ultra sheets as shown here. The sheets adhere very nicely to the surface. A good idea is to think ahead of the process and trial fit the pieces before peeling the backing paper off and pressing into place.**

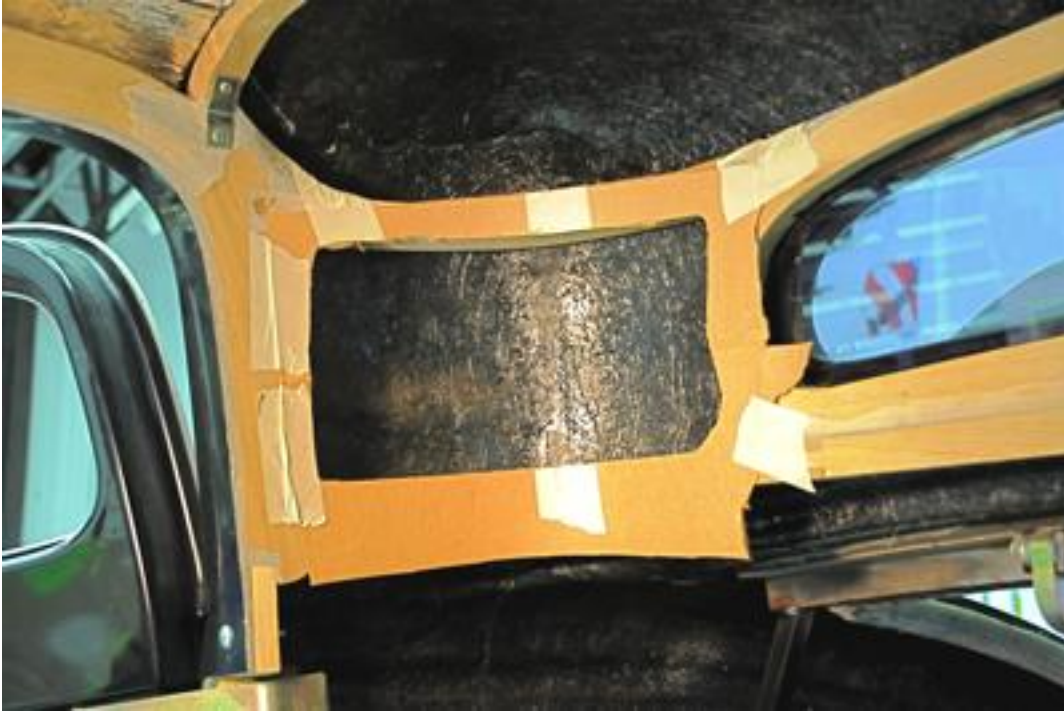




- 9. The decision was made to run the sheets longitudinal with the marked centerline. Here the small hard roller is being used to roll the sheet down as the backing paper is removed.**



**10. The wood frame areas on both sides of the rear window were going to be a problem, so I used a scrap piece of soft cardboard that conformed to the opening. I then used masking tape to hold it in place over the opening.**



**11. Next I used an exacto knife to cut out the area behind the cardboard giving me a perfect template.**





**12. Using the template just made, I traced it onto a sheet of HushMat Ultra with a felt tip pen as shown.**



**13. Now simply cut out the traced line on the HushMat Ultra sheet using the scissors.**



**14. The piece of HushMat just cut out can now be easily placed into the tight area next to the rear window as shown.**



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**15. Next, the HushMat Silencer Megabond thermal insulating and high frequency sound absorbing semi-close cell foam rubber sheets were installed along the center line of the roof area. The small roller was used to roll it down firmly. I placed the Silencer Megabond directly onto the foil of the HushMat Ultra for the extra thermal benefit because I didn't have a fabric headliner on my '32 Coupe.**



**16. The wooden bows were reinstalled after the Silencer Megabond material was installed.**



**16. The sides of the body were the next area's to cover. The open flat sections were covered first and then patterns were made again using the brown backing paper peeled off of prior sheets. Draw out the area by pressing the paper into the section to be covered and trace it out with a felt tip pen.**



**17. After cutting out the drawing made on the backing paper, the pattern is placed on another sheet of HushMat Ultra and traced with a felt tip pen. This process of creating my own patterns allowed me to completely insulate my '32 covering 100% of the surface area. "Pre-cuts" never seem to cover the complete area as no two vehicles are exactly the same. It also prevented any unnecessary scrap and waste. I used 100% of the material in the kit.**





**19. This piece is now easily installed in the area it was made to fit into. The HushMat is so very easy to install and really sticks to the surface well. On compound curves like this area, it forms easily and lays down very nice.**



**20. Here the piece is installed and the fit is perfect!**

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**21. The next area to be covered is under the dash/cowl on a '32 Ford. The underside of the cowl is exposed to the outside, so heat and sound deadening is important. This first sheet was placed in the very center under the cowl.**





**22. Here the sheet is rolled down using the small roller**



**23. The front kick panel area on the passenger side is installed after making a pattern as described earlier.**



**24. Using the same pattern, I merely turned it over or reversed the pattern, to make the piece for the driver side.**





**25. The next area to cover is the firewall. Again I started in the center of the firewall and filled in the sides as needed. Simply mark, press, and peel, it's that easy!**

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**26. The floor is next. The brake pedal arm comes through the floor as most street rods do, so I simply measured where I needed to cut out for it and then slipped the sheet over the pedal arm as shown.**



**27. The next sheets of HushMat Ultra were laid next to each other as shown.**

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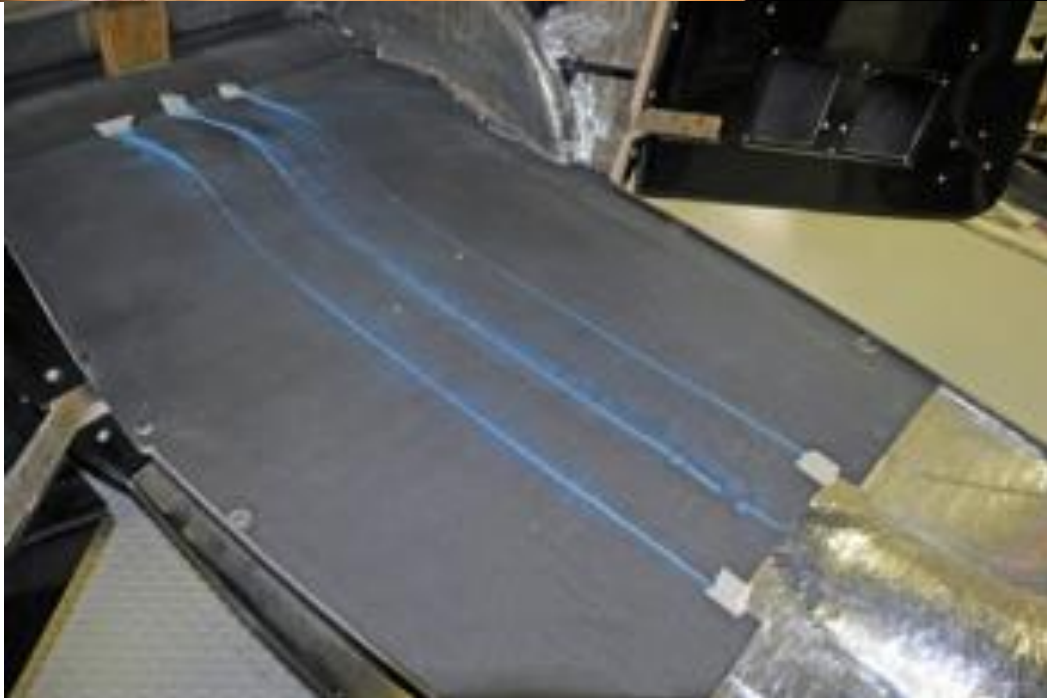


**28. The center of the floor was determined next and a chalk line was snapped to mark it.**

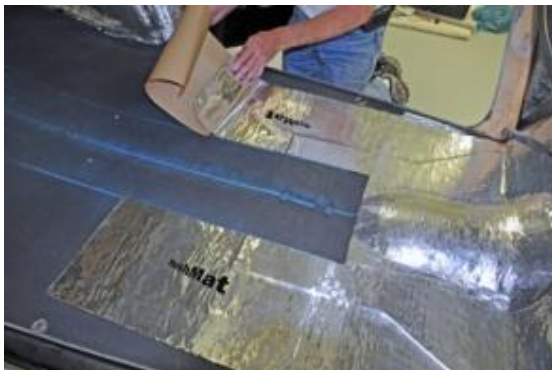


**29. Now measure from the center line to determine where the sheets will go to make the best use of all the material and have a neat looking installation.**

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**30. After determining these measurements, two more caulklines were snapped.**



**31. The sheets were then laid down along these guide lines. This will produce a very straight and neat installation.**



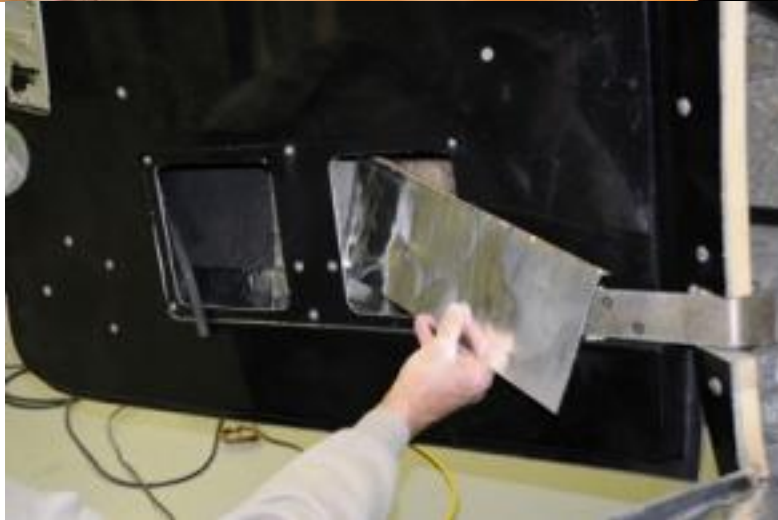


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**32. The HushMat Ultra sheets were laid all the way to the trunk area in the '32 Ford coupe and the sides were filled in with pieces cut to fit.**





**33. The doors were next to be covered on the insides. The 12X23 inch sheets were cut in half for ease of installing them through the small openings in the doors. I was able to install the pieces and then pull the baking paper off inside the doors which worked out fine and keeps them from sticking to other areas as they are installed.**



**34. Installation of the bottom part of the doors was done using horizontal pieces of HushMat.**

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**35. I was able to cover almost every square inch inside the doors. The top most areas were covered by using vertical cut sheets as they will reach up to the top of the door easily. This method worked out great!**



**36. The areas to be cut out can be very easily identified by pressing your finger into the depressed areas and then with the utility knife simply cut those areas out.**

**37. The installation is now complete. The following photos show the finished project. The HushMat material was super flexible and molded to the exact contour of the '32. It was easy to install and looks great when finished!**



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**Here is the finished '32 Coupe shown at the 2013 Hot Rod & Restoration Show in Indianapolis, IN**

**Cool, Quiet & Comfortable with HushMat installed.**



**Notes:**

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