



September 23, 2005

Mr. Andy Stevens  
Enviroseal Corporation  
1019 Holbrook Ct.  
Port St. Lucie, FL 34952

RE: Fink Residence  
1060 Cross Gates PL  
Mobile, AL 36609

Dear Mr. Stevens:

Pursuant to your request, we inspected the property referenced above on September 15, 2005, for roof performance evaluation during Hurricane Katrina. Hurricane Katrina struck the Gulf Coast area on August 29, 2005. According to the National Weather Service, maximum winds in the Mobile County area were around 100 mph. The attached photographs depict the condition of the house and neighboring houses at the time of our inspection.

The house is a single story wood framed structure with brick veneer and an asphalt shingle roof (Reference photographs #1 through #5). The residence is located in the Cross Gate Community in Mobile, Alabama. According to the owner, the house is about 12 years old which is typical of all homes in this community. There are a total of 25 houses all of which are built of similar styles and materials.

The Fink residence was easy to locate; it was virtually the only house in the neighborhood without significant roof damage. Of the 25 houses in the community, at least 22 had visible roof damage at the time of our visit (Reference photographs #6 through #12). As can be seen in the photographs, the damage to other roofs were quite extensive. Many of the damaged roofs will likely have to be completely replaced.

Months prior to Hurricane Katrina, the Fink roof was treated with Roof Guard 101. Roof Guard 101 is an adhesive acrylic shingle sealer. Based on the conditions of the neighboring houses, it is our opinion that the Fink residence was spared significant roof damage due to Roof Guard 101. The additional bond on the shingles helps prevent the wind from prying up an individual shingle tab. During a hurricane storm event, wind pressures vary across the roof surface. Individual components will have a higher uplift pressure than a larger roof member or the entire roof. In studying neighboring roofs, shingles not treated were more likely to become separated from their adhesive tabs. This often leads to a group of shingles being pulled off. This can cause water intrusion and extensive damage inside the house.

It is our opinion that the application of Roof Guard 101 helped prevent roof damage to the Fink residence during Hurricane Katrina. The acrylic sealer helped bond and hold the shingles in place. This prevented a group of shingles from coming loose and causing roof or water damage to the Fink residence.

Submission of this report concludes our authorized services. This report is based upon visual observations only and no claim is made that all conditions were observed. No physical testing was performed and no calculations have been made to determine the opinions stated in this report.

Should you have questions regarding the opinions presented above, please contact the undersigned.

Sincerely,



Russell S. Barton, P.E.

