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Industro-Foam Acoustic Treatment Case Study - April 2018

Client: Grass Roof Farm Stall – Mike & Nicky Charlewood (owners)



Location: Seaview, Port Elizabeth

History: The client experienced high levels of reverberation / echo in the overflow area at the restaurant, the fuller the restaurant got the worse the noise problem seemed to become. This was further exacerbated when the large glass sliding doors were closed. The problem had escalated to such an extent that patrons were leaving even before enjoying a meal. The owners approached Genesis Acoustics for help in order to improve the acoustics in the large space.

The Solution: Two approaches were required as the room had both a high-pitched ceiling area, as well as two side ceiling areas that were lower and flat. On the pitched area we used our Industro-Foam panels tessellated to break up the lines, while covering a sufficient surface area. This also provided an aesthetically pleasing finish. On the side areas we chose to suspend the panels as acoustic clouds to overcome the heat on the container roof. The air-gap created behind the panels also increased the overall sound absorption.

The solution was achieved using the following product:

➤ 88 Panels of 50mm thick, Industro-Foam white, flat panels

Mike's comments:

"We are very happy with the final product. 'The space is a completely different one', is probably the only way to describe the change from before to after. I would never have imagined the difference the material used would make to the sound problem we had. Problem solved and thank you for your professionalism throughout the whole process."

BEFORE



DURING



AFTER



BEFORE

AND

AFTER

