



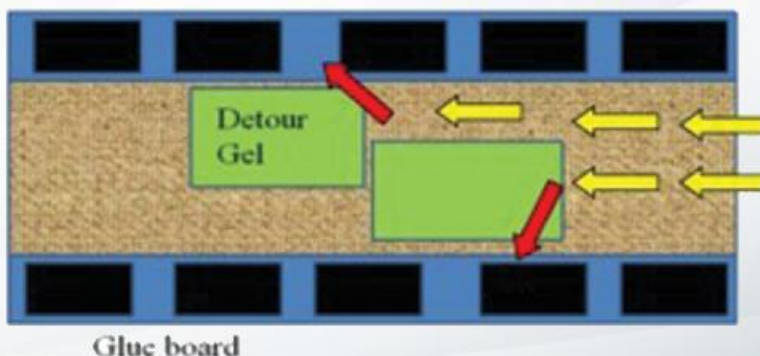
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## Testimonial on the Detour Gel Application in Rodent Pest Management in Singapore

Detour Gel for Rodents is the non-toxic rodent repellent with proven excellent performance in preventing rat infestation and enhancing the rodent pest management in Singapore. Detour Gel for Rodents has a wide spectrum of methods for application which lends the product a great deal of flexibility. We classify Detour Gel for Rodents as the "PUSH" factor which either drives rat move towards the pre-set traps/ glue boards or creates a no entry zone to the rodent to limit their activity range.

Prior to its launch in the late 2009, we teamed up with a well-known Pest Control Company (PCO) to perform an integrated rodent management trial in a large-scale premise which had battled with a heavy rat problem. The premise is a shopping mall with 80,000 m2 area experiencing destructive roof rat problem; particularly referring to its false ceiling of each floor. Initially we used new-introduced monitoring biomarker bait (Detex with Lumitrack Biomarker) to identify the rat activity runway, then introduced the Detour integrated program to help in reducing the large population of the rat which caused nuisance to public with its droppings and running sound. However, due to safety precaution, rodenticide is not allowed to use in the building. We decided that application of non-toxic Detour Gel for Rodent together with glue board would be a good combination in countering rat problem on the false ceiling board. It worked perfectly as it pushed rats from a wide open false ceiling board area into the lateral two narrow sides of ceiling beam which lay with glue boards. This limited the activity of rats and subsequently increased the chances of them trapped in the glue board without the need to increase number of glue boards to cover whole potential runways as well.

**Illustration 1: Description on one of the application of Detour Integrated Program**  
(to "push" rat from middle open runway (including pipelines with grease-mark) into the lateral narrow runway for enhancing the efficacy of rodent glue board capture rate)



Glue board

- \* **Yellow arrow indicates the direction of the normal rodent movement**
- \* **Red arrow indicates the direction of the Detour-stimulated rodent movement**

The trial had shown stupendous result promptly with 6 folds of trapped rat numbers after the Detour integrated program had been carried out. The result outperformed usual capture rate from 5 rats per week to 32 per week, subsequently more than 60 rats within a month. The result had impressed the management board and agreed to implement and repeat the Detour integrated program for every 3-4 months. I involved in the application of Detour Gel for Rodent for few cases in Singapore which showed excellent result with reduced or nil rodent complaint. This involves a series of different premises, including residential apartment, institute canteen and night club.

I would like to acknowledge the Detour Gel for Rodent is the useful and unique supplementary product in enhancing the traditional rodent pest management, besides it can also be used as a preventive management product. Detour Gel for Rodent is an innovative product to "PUSH" the rodent pest management into higher level.