



## Buckman Laboratories

### Technical Service Laboratory Report

Reported by: P M Torresan

Date: 7 October 1992

Customer: Astec Paints, St. Marys, South Australia

Representative: C S W Harker

Control No: A1390

Identification of Samples: Two (2) roof coating samples

Objective of analysis: Testing for fungal resistance

Work Requested: Environmental Chamber Exposure

Details of Method: A relative humidity of 95 to 98% and a temperature of between 29 and 31°C are maintained within the chamber.

The samples are suspended vertically within the chamber which ensures continuous and simultaneous inoculation by species of Aspergillus, Trichoderma and other genera.

Results: Date exposure begun: 12 August, 1992

Sample No.	Weeks							
	1	2	3	4	5	6	7	8
1	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
2	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10

Ratings: The samples are rated on a scale of 0 to 10 where 10 indicates no mould growth and 0 indicates 100% coverage. Intermediate ratings are based on a linear scale between these extremes. Samples are rated grain/flesh.



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**Conclusion:** The roof coating samples maintained an excellent protection level for the duration of the T.C. evaluation. No mould growth was observed on the samples after 8 weeks.