

Certificate No : 13888/1

Issue : 2

Date of Issue : 9 March 1998

This is to certify that

The Building Services Research and Information Association

have type tested the product described below to the requirements contained in the 5<sup>th</sup> Edition of the HEVAC Technical Specification "Laboratory testing and rating of weather louvres when subjected to simulated rain".

Product covered by this certificate :

*75mm PITCH WG WEATHER LOUVRE*

Manufacturer

*Waterloo Air Management  
Quarry Wood Industrial Estate  
Aylesford  
Maidstone  
Kent  
ME20 7NB*

General description

*Painted aluminium construction, single bank, 13 blades,  
the unit was not fitted with an insect mesh or bird screen.*

Test Results

Ventilation rate	m <sup>3</sup> /s							
	0	0.5	1.0	1.5	2.0	2.5	3.0	3.5
Rating Achieved	<i>C</i>	<i>C</i>	<i>C</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>

Coefficient of Discharge or Entry : 0.245, Class 3

Wind speed : 13.5 m/s    Rainfall : 75 mm/hr (75 l/hr)

Date(s) of testing : 20 February-6 March 1998

Test report reference number : 13888/2 Edition 2

Test Engineer(s) : *H E Tanner  
P J Heywood*

*Edition 2 has been produced to correct the product name and the manufacturer name.*



## Classifications Of Weather Louvres

Extract taken from the HEVAC Technical Specification for reference purposes only.

### Classification for Rain Penetration.

Class	Effectiveness (%)	Maximum allowed penetration of simulated rain (l/hr/m <sup>2</sup> )
A	1 to 0.99	0.75
B	0.989 to 0.95	3.75
C	0.949 to 0.80	15.0
D	Below 0.8	Greater than 15.0

### Classification for Coefficient of Discharge or Entry.

Class	Discharge or Entry loss Coefficient (%)
1	0.4 and above
2	0.3 to 0.399
3	0.2 to 0.299
4	0.199 and below