

MANROSE[®]
DESIGNER SERIES

CHATEAU

WEATHERPROOF COWL

Superior
UV

Colour Stability

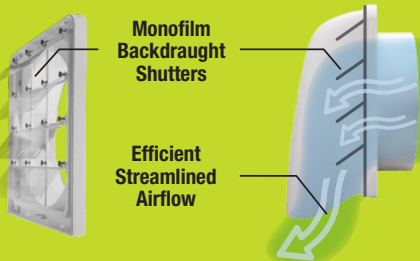
Breakthrough special formulation for superior UV colour stability and embrittlement resistance proven by accelerated testing to be between 7 to 27 times more colour stable than any competitors' cowls in NZ.



Clean design aesthetics with matte finish



Quiet Monofilm backdraught shutters for aerodynamically superior guided airflow



16% improved airflow rate over competitor cowl for typical NZ inline system



Birdmesh at underside to completely prevent entry. Optional insect mesh - DCT0307.



125mm & 150mm

Matte Finish

Designed for use in adverse weather conditions

**NZ PRODUCT
DEVELOPMENT
BREAKTHROUGH**

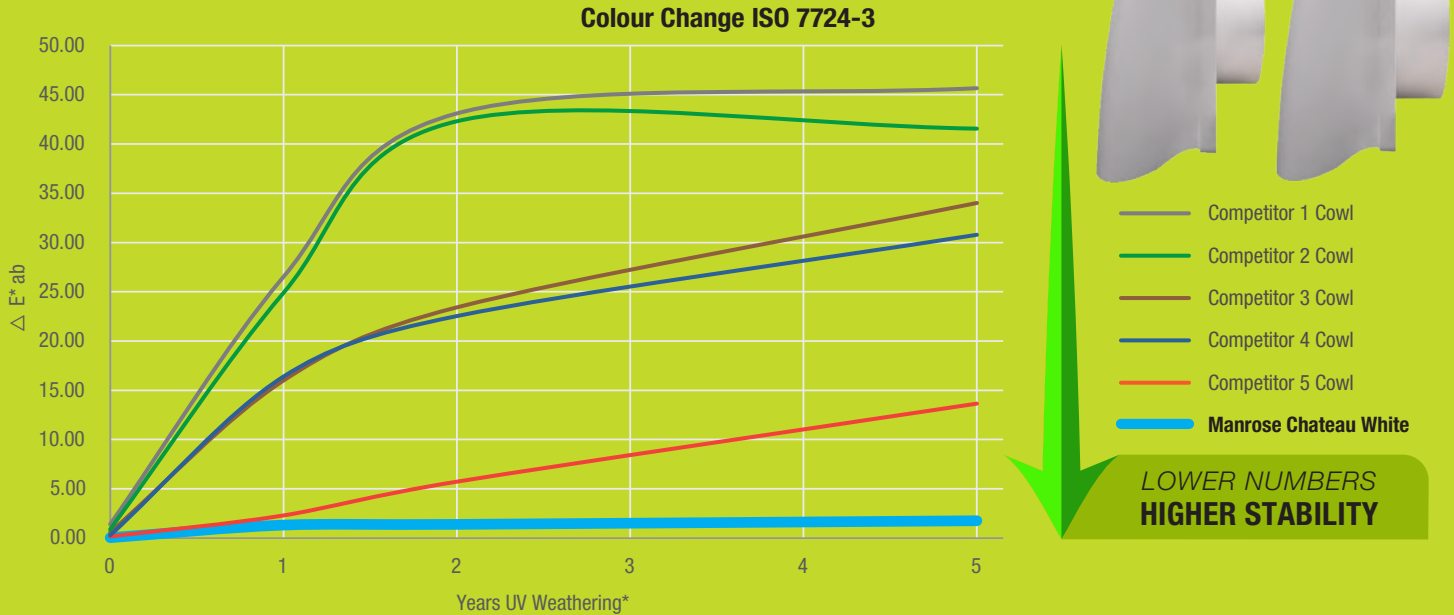


125mm
DCT0302



150mm
DCT0304

UV Weathering Colour Test Results to International Standards



Colour Change ISO 7724-3 (Δ E* ab)

	Manrose Chateau White	Competitor 1 Cowl	Competitor 2 Cowl	Competitor 3 Cowl	Competitor 4 Cowl	Competitor 5 Cowl
0 YEAR	0.03	1.40	0.88	0.60	0.27	0.15
1 YEAR	1.31	26.52	24.89	16.00	16.38	2.29
2 YEAR	1.38	43.10	42.31	23.42	22.52	5.72
5 YEAR	1.75	45.66	41.56	34.01	30.77	13.65

The Manrose Chateau Cowl in white did not have any visible yellowing and performed up to **27 times** better than major competitors at the 5 year mark.

The **Manrose Chateau Weatherproof cowl** has been designed and developed in NZ to deliver superior performance in every aspect of its functionality. A critical feature is the breakthrough special material that delivers outstanding UV weathering performance which resists yellowing and embrittlement significantly better than major local competitors. To prove Chateau Cowl UV stability, samples from competitor's white cowls were analysed by a specialist third-party testing agency using international accelerated UV weathering testing standards.

*The accelerated UV weathering hours has been chosen to simulate 1, 2 and 5 years worth of UV weathering. The yearly exposure hours and intensity is derived from the monthly UV index averages over a year.