

VYNGUARD WEATHER TESTING

Field Study

White, outdoor flexible vinyl has been subjected to 4000 hours of carbon arc testing without change in color or gloss.

Atlas QUV (A bulb) Weather-O-Meter¹ studies were conducted on yellow vinyl laminate designed for backlit awning. Samples of this test laminate were coated with 0.2 mil Fluorolar 240 MEKCON. Uncoated samples were tested along side the coated samples as a control for comparison.

2000 Hours

- Control specimens start to color shift and measurable decrease in gloss
- Fluorolar 240 MEKCON – no change in color or gloss

7000 Hours

- Control specimens color shifted to brown
- VYNGUARD coated samples show no gloss or color change

8000 Hours

- VYNGUARD coated samples slight decrease in gloss and still no change in color

