

Climatization and Weathering.

In our experience, we have observed that during the initial 2-3 months, the composite material may experience a fade of around 10% due to a bedding-in period. After this period, the fading continues at a rate of approximately 2% per year.

It is important to note that during the first few months, Oakio Iniwood may release tannins, which can result in watermarks appearing. This is a normal occurrence for all WPC composites and typically lasts between 2-12 weeks. If your customer wishes to remove these marks, a simple rinse with a pressure washer will suffice.

Regarding the colour fastness of Oakio Iniwood, we conducted a test based on ISO 4892-2:2006. This involved subjecting the material to a 720-hour accelerated aging process using high-intensity UV lights and water. The test evaluates the colour fastness on a scale of 1 to 5, with 5 being the highest score indicating the best performance. In the case of Oakio Iniwood, it achieved a score of 3, which is considered quite good for a composite material. To illustrate the difference between the lowest and highest scores, please see the image below.

