

To whom it may concern,

Staron color recommendations for exterior applications are based on ASTM G 155 testing result. This test provides an indication of deterioration of a material by reproduction of the full spectrum of sunlight, and rain or dew using exposure to a xenon arc lamp and water for 1,000hrs. After measuring the color change of Staron before and after the exposure period, the color changes of these below colors are founded less than 1 unit:

- Quasar white, Pure white, Bright white, Pearl, Tusk
- Sanded icicle, Sanded sahara, Sanded vermillion, Sanded white pepper, Sanded papyrus
Sanded heron, Sanded ginger, Sanded grey
- Aspen glacier, Aspen snow, Aspen fiesta, Aspen slate
- Pebble lagoon, Pebble frost, Pebble gold, Pebble maize, Pebble chiffon, Pebble ice
Pebble kernel, Pebble moon, Pebble swan

Above colors are considered to be relatively stable than other colors for exterior applications. However, since exterior applications are exposed to various weather conditions for a long period time, an additional time reproduction test is necessary to take into account for desired installation plan. Our position on warranty for exterior applications will be provided after going through several tests and inform you with our warranty for certain color change unit under limited year.

For your better understanding, photos of tested samples are provided with the color change unit as below.



Thank you.

Sincerely

Samsung Staron Technical Solution Group