

Dave & Buster's at Pier Park Color Stability Analysis (Simon Properties)

Original Application Date: April, 2014

Background:

Dave & Buster's building located in Panama City Beach, Florida was coated with TEXCOTE[®] COOLWALL[®] SUPERCOTE[™] SMOOTH SYSTEM, incorporating IR reflective technology, in April of 2014 and evaluated for color change over time. Four different colors were chosen; Extra White, Yams, Honorable Blue and Repose Gray. Color change readings (DELTA E values) were taken in different locations of the building using an X-Rite portable Spectrophotometer, Model SP60. All DELTA E values were calculated using CIE DELTA E criterion.

Observations:

The average values of these color readings that were taken are shown in the charts below. These Delta average values were taken after 35 months of exposure from different locations on the building. Northwest Florida typically gets over 80 inches of rainfall a year. The climate in this region ranges from the low teens in the winter to over 100° Fahrenheit with 100% humidity during the summer. These walls have been exposed to harsh weather conditions such as heavy rain, ultraviolet light from the sun, salt air, high humidity and high winds. TEXCOTE[®] COOLWALL[®] SUPERCOTE[™] SMOOTH SYSTEM demonstrates outstanding color retention of less than 3.5 units on all the different sides of the building after 35 months of exposure, even with vibrant colors. Conventional exterior paints, after these periods of exposure, usually have Delta averages of 15 units or more. These walls do not show any sign of mold growth, even on the North wall.



Conclusion:

These four TEXCOTE[®] COOLWALL[®] SUPERCOTE[™] SMOOTH colors have outstanding color retention and excellent water repellency after nearly 3 years due to TEXCOTE[®] IR technology. After 35 months of being applied on this Dave and Buster's building they continue to exhibit an amazing ability to retain color fastness and show an excellent resistance to dirt pick-up.



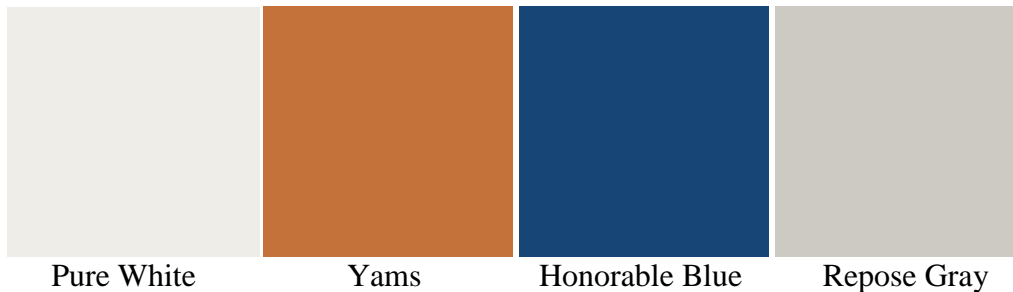
Western Exposure



Western Exposure

2017 - DE values after 35 months, TEXCOTE[®] COOLWALL[®] SUPERCOTE[™] SYSTEM

| Color: Extra white | DL | Da | Db | DE |
|---|-----------|-----------|-----------|-------------|
| Average ΔE, North wall | 0.60 | 0.35 | 0.34 | 0.46 |
| Average ΔE, East wall | 0.81 | 0.22 | 0.15 | 0.25 |
| Total ΔE Average, Extra White | | | | 0.36 |
| Color: Yams | | | | |
| Average ΔE, North wall | 0.15 | 0.95 | 1.90 | 0.83 |
| Average ΔE, East wall | 0.61 | 0.83 | 2.61 | 0.94 |
| Average ΔE, South wall | 1.08 | 0.55 | 0.36 | 0.86 |
| Total ΔE Average, Yams | | | | 0.88 |
| Color: Honorable Blue | | | | |
| Average ΔE, North | 0.32 | 0.62 | 3.30 | 2.93 |
| Total ΔE Average, Honorable Blue | | | | 2.93 |
| Color: Repose Gray | | | | |
| Average ΔE, North | 1.33 | 0.48 | 0.36 | 0.60 |
| Total ΔE Average, Repose Gray | | | | 0.60 |





Southern Exposure



**Color Change (DE) for TEXCOTE® COOLWALL® SUPERCOTE™ SMOOTH SYSTEM
after 35 Months**

