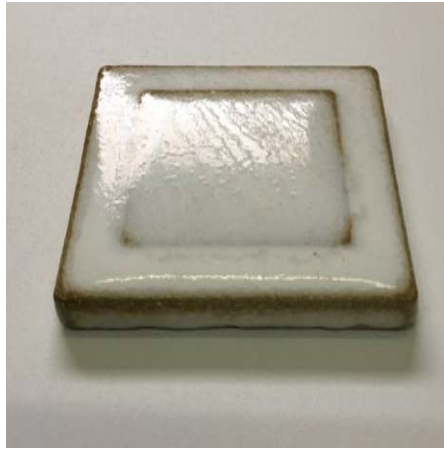
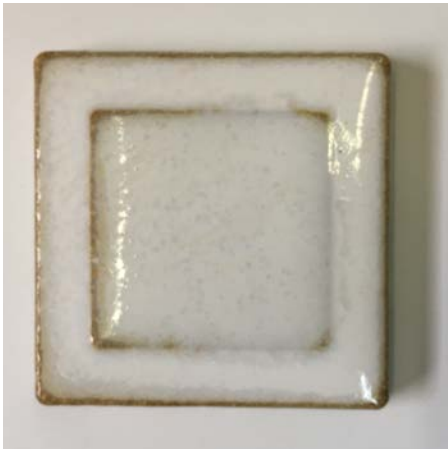


D&W Ceramics Freeze-Thaw Testing.

Utilizing the testing method described in ASTM C 1026 standard we scrutinized our product above and beyond, subjecting it to over 100 cycles without seeing any failure. In comparison big box home improvement store tiles we have tested begin to fail at approximately 10-15 cycles. More can be read about this tile testing procedure and freeze thaw testing in the TCNA article entitled "Frost Resistance Equals Freeze-Thaw Testing". This article is available on line at <http://www.tcnatile.com/images/pdfs/Frost%20Resistance%20Equals%20Freeze-Thaw%20Testing.pdf>

Below are images of some of our tile that has been Freeze-Thaw tested or installed in exterior locations receiving real world testing.



The above D&W Ceramics tile shows no signs of failure after the aforementioned testing. In comparison, the below photographs show tiles from other manufacturers that did fail during our testing





The photograph below is of D&W Ceramics tile that has been installed in an exterior location in the Denver Metro area for over twenty years. As is visible from the photo no failure has occurred with any of these tiles over that time.



The following picture is an installation of D&W Ceramics tile in an exterior swimming pool. This Peter Marino installation is over three years old and is located in the Hamptons area of Long Island New York.

