



Laboratory Tests PlastiCurve™ Post



Composite Materials Technology Center

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WEATHEROMETER TESTING

We have completed 2000 hours of exposure on the Rhino PlastiCurve and Wave samples. The exposure test followed ASTM G53 (Standard practice for light and water exposure of nonmetallic material.) The cycle of exposure of the specimens was 4 hours of UV light at 60 deg. C. followed by 4 hours of condensation at 50 deg. C. in a Qpanel Accelerated Weathering Tester with UVA-340 lamps as the light source. The lamps are rotated every 400 hours to maintain an even light distribution over the specimens. The test was conducted from 3-2-98 through 5-26-98 at Winona State University, COMTEC testing lab..

Rhino PlastiCurve and Wave

The samples exposed for the 2000 hours are, by visual observation, in good condition. The white material is started to show yellowing on the finish, all other colors have dulling of the glossy finish but no color loss. The competitive sample (orange) tested exhibited noticeable fading and was far more rigid than the unexposed control sample.

COMTEC

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