

CUSTOMER SUCCESS STORY

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Luran® S
Plastics  **Plus**

**At BASF, we don't make
the Premier Composite
Railing. We make it
colorful and durable.**

Customer: Composatron Composite Technology, Toronto, Canada.

End-Use: Premier Composite Railing

Product: Luran® S acrylonitrile-styrene-acrylate (ASA)

PROBLEM: Composatron Composite Technology of Toronto, Canada, offers a line of composite railing that can complement almost any home exterior – wood, stucco, brick, stone or vinyl. Since 2001, when it introduced its first white railing system, Composatron's Premier products have been used on various surfaces, from decks to docks to concrete porches by building contractors throughout North America. At the core of Composatron's Premier composite railing line is its unique "Strandex" technology. Similar to the individual strands that make a rope stronger, Strandex technology makes composite-extruded products stronger. Although its railing systems are exposed to a variety of climatic extremes, Composatron backs them with a 20-year warranty against warping, rotting, splintering, and peeling.

When Composatron wanted to add color to its line of Premier composite railings, the decision regarding which capstock resin to select was narrowed to a single criterion.

"The launch of our color railings had to be done right the first time," said Jim Pratt, who heads research & development and product technology for Composatron. "We wanted to offer products that could deliver the look, feel and beauty of natural wood, but with minimal maintenance. And we had to be certain that the new products would meet our stringent standards for quality and durability."

SOLUTION: Composatron selected BASF's Luran® S acrylonitrile-styrene-acrylate (ASA), a specialty plastic that is designed for outstanding weathering performance, without fading or chalking. It provides long-term color stability in a wide range of colors in railing, siding and fencing applications as a capstock over vinyl and vinyl wood composites. Luran S delivers high performance and requires low maintenance. Luran S ASA is part of BASF's [PlasticsPlus™](#) specialty plastics portfolio, which includes reliable, high-performance styrenics, biodegradable materials and foams. BASF's PlasticsPlus products offer a diverse range of solutions to meet the most unique and demanding requirements for new innovations to help bring innovative products to market.

BENEFITS:

- Luran S delivers significantly better color retention than PVC in all colors, especially in coastal and high-ultraviolet (UV) environments.
- Luran S offers a lower specific gravity and more efficient UV protection to the base material to bring considerable savings to manufacturers who have to extrude thicker capstocks to achieve comparable performance.
- Luran S can be processed in standard profile and wood composite extrusion equipment, including conical and parallel twin-screw extruders.

For more information on Luran S ASA applications for the construction industry, please visit www.LuranSConstruction.com. For more information regarding Composatron's Premier-brand composite color railing, please visit www.composatron.com.

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