



Application solutions from Covestro

Transparent “armor” assures form, function, and a marketing advantage in digital displays



Application

A digital display company offers its products for both indoor and outdoor use. Key marketing advantages for their units include design aesthetics and their warranty-backed reliability and durability. These factors made the long-term performance and appearance of the clear protective cover over the digital display screen a critical material decision.

Challenges

- Units are installed in isolated outdoor locations and high traffic areas. Both expose the units and display covers to the risk of vandalism and abuse
- To ensure aesthetics and functionality, the covers also must retain clarity and resist breakage under extreme weather and after frequent cleaning
- As part of the “shell,” the clear screen cover also requires UL compliance

Solution

Abrasion-resistant Makrolon® sheet

- Makrolon AR provides optimum durability and mar resistance for interior installations
- An unprecedented 15 year warranty on weathering makes Makrolon 15 ideal outdoors
- The warranty-backed break-resistance of Makrolon sheet supports the manufacturer’s marketing advantages in reliability and durability
- Makrolon sheet also satisfied UL requirements for the units

Related applications

Digital advertising and menu screens, display touch screens, electronic enclosures



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