



# The Flanagan Corporation

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## *Better Solutions – Faster Response*

### **Overview**

When the Bay Area Rapid Transit Authority (BART) began overhauling their current fleet of rail cars it was noted that the old dirty carpets were a must to replace. BART realized that some out-of-the-box thinking was required to come up with a flooring system that would meet the strict fire, smoke and toxicity requirements and still meet the aesthetics the customers demanded.

### **Description**

When BART first reached out to The Flanagan Corporation, their current passenger rail transit car floor system was a glued down rubber system. The process required a multi step gluing process that took about 7-10 days to complete per car. Since BART's fleet numbers more than 650 cars it would have taken more than 8 years to replace the fleet with this rubber system.

The Flanagan Corporation worked with the BART engineering staff to design and develop a spray applied fast set system that would lower the installation time from 7 – 10 days per car down to just 1 day per car. This fast set spray applied system would also meet the strict fire, smoke, and toxicity requirements and still achieve the aesthetics their customers demand.

### **Result**

Using the Precidium™ co-developed with Quantum Chemical the installation time per car was brought down to 1 day. The Precidium™ also provide a 3 times more durable floor covering system and brought their total installed cost per car down 3 times what the rubber floor cost.

