



## CASE STUDY: LA METRO BLUE LINE TRAINS

LOS ANGELES, CA

LA Metro Blue Line runs from Downtown Los Angeles through South Los Angeles, Compton, Watts, and through Long Beach.

### CLIENT ISSUE/CHALLENGE

- LA Metro had made the decision to switch from glass to polycarbonate windows in their Nippon Saryo cars
- Although replacement cost is less expensive than glass, polycarbonate windows pose additional challenges for graffiti abatement
  - Anti-graffiti or any PS adhesive based films are not normally safe for application on polycarbonate
  - Polycarbonate 'out-gasses', causing film to bubble and stain it's surface
  - Polycarbonate scratches very easily, impeding the protective value of traditional anti-graffiti film while providing an irresistible playground for graffiti vandals



Visit [www.Graffiti-Shield.com/la-metro-blue-line-trains](http://www.Graffiti-Shield.com/la-metro-blue-line-trains) for more details



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[www.graffiti-shield.com](http://www.graffiti-shield.com)

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### GRAFFITI SHIELD SOLUTION | 12-Mil NH70

- 12-mil thick graffiti abatement film engineered for safe application on polycarbonate
- 70% IR heat rejection to help keep trains cool during the hot Southern California summer
- Pilot program initiated to test the use and effectiveness of the film on the interior surface of 50 passenger windows
- Precut pieces with unique part numbers for quick and easy identification and replacement

### PROJECT OUTCOME

- 85% reduction in replacement windows required translated to over \$1 million dollars in savings along the LA Metro Blue Line
- Average replacement cost of \$200-\$500 per window versus an average of \$25 per piece of film translated to tremendous savings over window replacement

All the windows on the line are now protected and approx. 5,000 pieces per year are replaced for maintenance

