



SIKA AT WORK

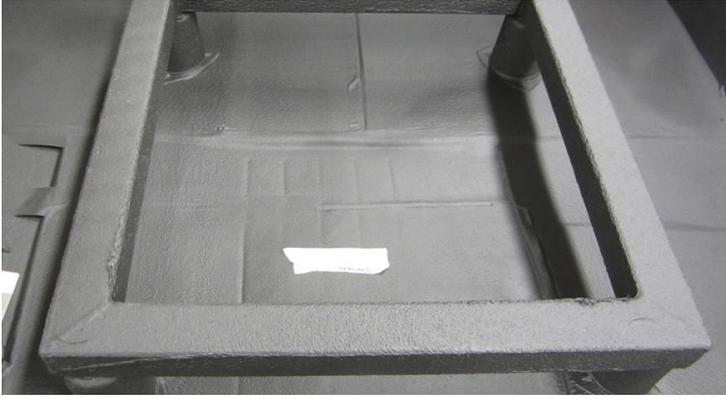
ELDORADO NATIONAL (ENC) RIVERSIDE, CALIFORNIA

SIKAGARD®-6682

BUILDING TRUST



ELDORADO NATIONAL (ENC)



SIKAGARD®-6682 TEST FRAME BEFORE (LEFT) AND AFTER (RIGHT) 1000 HOURS SALT SPRAY EXPOSURE



CONTROL TEST FRAME BEFORE (LEFT) AND AFTER (RIGHT) 1000 HOURS SALT SPRAY EXPOSURE

PROJECT DESCRIPTION

Eldorado National (ENC) California, a subsidiary of REV Group, a world-leading manufacturer of specialty vehicles in the Emergency, Fire, Recreational Vehicles, Bus and Industrial sectors, is well-known with their numerous types of high-quality public transit buses. ENC is located at their 227,000 square-foot, ISO 9001 certified production facility that encompasses 17 acres in Riverside, California.

Prior to 2017, ENC was finishing their underbody coating process in a three step process. After sandblasting their steel, Sikkens LV360 epoxy primer was applied followed by PPG Corashield P8071-RF and then BASF MasterSeal. Eldorado National contacted Sika to evaluate their current system to eliminate steps to save in product and labor cost as well as time consumed in the underbody coating process.

SIKA SOLUTION

Sika offered its underbody coating solution, SikaGard®-6682, which is a one-component, water-based product with excellent sound and vibration deadening properties. It is especially designed to protect the corrosion protection coating of the metal from stones and salt that comes from the road and lead to serious corrosion problems in time if not prevented. Sika offered to eliminate last two steps of the current process (Corashield & BASF MasterSeal) and use only SikaGard®-6682 instead.

ENC asked Sika to prepare and expose test specimens prior to field testing the product themselves. SikaGard®-6682 was applied to ENC substrates and exposed to 1000 hours of neutral salt spray according to ASTM B117 requirement. After 1000 hours of neutral salt spray exposure, no noticeable defects or rust stains were observed on the steel frame coated with Sikkens LV360 epoxy primer & SikaGard®-6682. The control frame coated with Sikkens LV360 epoxy primer & PPG Corashield P8071-RF & BASF MasterSeal, visible rust stains were observed throughout the frame particularly at the weld areas. The exposed test specimens were returned to Eldorado National for their internal adhesion testing and inspection to determine suitability of the SikaGard®-6682 for their application.

ENC was very impressed with the results and immediately invested in a Graco Dura-flo 55 gallon drum pump. They currently purchase SikaGard®-6682 in drum packaging. Since 2017, SikaGard®-6682 has been applied to buses that are on the road in Los Angeles, Sante Fe and Denver, providing a quieter and safer ride for transit passengers.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.

Sika Corporation
30800 Stephenson Highway
Madison Heights, MI 48071

Contact
Phone 800 688-7452
www.sikaindustry.com

BUILDING TRUST

