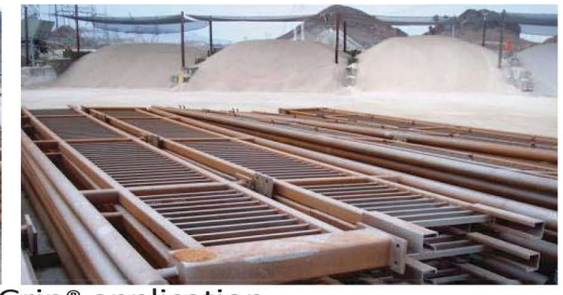
SUPERIOR PRODUCTS INTERNATIONAL
HOOVER DAM BYPASS BRIDGE PROJECT

Project:	Hoover Dam Bypass Bridge	Completed:	October 2010
Manufacturer Rep:	John Grey, Superior Products	Contact #:	(843) 813-6402
Product Recommendations:	Primer: Rust Grip® applied at 8 mils wet/4 mils dry Insulation: Super Therm® applied at 16 mils wet/10 mils dry Topcoat: Enamo Grip applied at 8 mils wet/4 mils dry		

The Hoover Dam Bypass Bridge is set to open in mid-October 2010 after nearly eight years and $240 million worth of work. The 1,900-foot engineering wonder perched 890 feet above the Colorado River is expected to drastically cut travel time along the main route between Las Vegas and Phoenix. The observation deck expects 3-5 million visitors each year. After testing against another manufacture to compare the ability of Super Therm to prevent radiant heat from loading, Super Therm was a clear winner.





Steel railings were allowed to develop flash rust in preparation for the Rust Grip® application.



Railings were power washed at 3,500 psi and primed with Rust Grip®.


Super Therm® was applied to prevent heat from loading onto the steel railings, possibly burning visitors.


Enamo Grip topccoated Super Therm® to prevent hand oils from deteriorating surface.

SUPER THERM vs MASCOAT
Hoover Dam Bypass Bridge Project

From the desk of J.E. Pritchett
President

Great News!!

The FHWA, at the last minute, insisted that a second source of product be evaluated to assure that Super Therm® was the best choice. Mascoat's Delta-T was selected as a sample (tinted to the original grey specifications) was supplied. Harry Power applied it on 4" diameter carbon steel pipe, which had to be sandblasted to SSPC-SP10 and 30 WFT was applied.

Results: Delta-T could only drop the temperature 4°F. from the uncoated control unit which was 148°F.

Twice in the email below, it is stated that Delta-T is not a suitable product and is no longer considered an option and that testing of Super Therm® is consistent and the winner. Harry said even if it had passed thermally, the finish was so soft it could not be used as they expect 3-5 million visitors per year to be touching SPI's product on the railing.

From: HDB Frederick Lazar [mailto: Frederick.Lazar@obayashi-usa.com]
Sent: Monday, July 27, 2009 6:34 PM
To: HDB Jeff St. John; HDB Ken Hirschmugl; HDB Terry Pawlowski
Cc: Harry Power; John Grey
Subject: Heat testing – 7/27/09 on Super Therm and Mascoat

Harry Power and I took heat tests on the Super Therm samples and the new Mascoat insulating sample this afternoon at 3PM in the laydown yard.

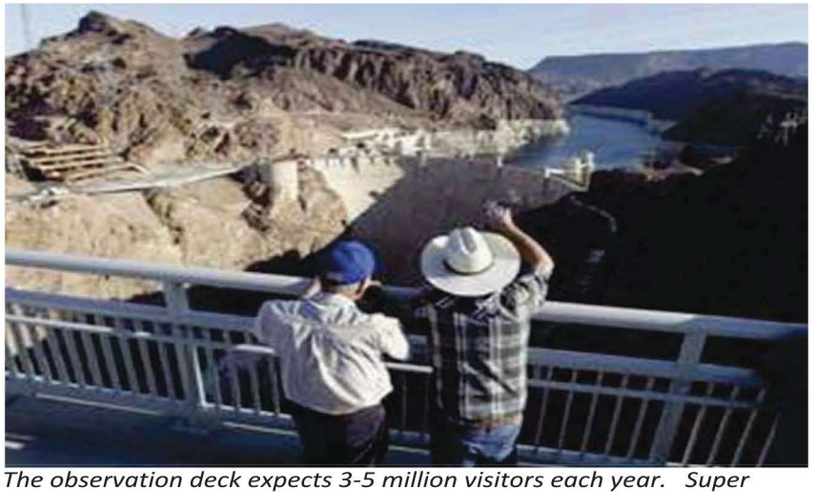
The ambient temperature in the sun ranged from 120.7 to 121.2. The raw steel (substrate) temperature was 148 – Rounded steel pipe do not absorb heat like flat surface steel. In such an ambient temperature of 121° F., a flat steel surface could be 215°F.

The Mascoat sample exterior temperature was 144 (this is not a suitable product). The Super Therm sample exterior temperature was 127.

Mascoat is no longer being considered an option. Super Therm testing performance has been sufficiently consistent.

Rick
Frederick D. Lazar
Contract Administration Manager
Obayashi-PSM JV – Hoover Dam Bypass Bridge
702-293-4924 Ext 206 [office direct line]
702-370-9983 [cell]

The picture of the two men on the walking portion of the bridge are hanging onto the handrailing coated with SUPER THERM and overcoat of ENAMO GRIP in the color they specified.



The observation deck expects 3-5 million visitors each year. Super Therm® will protect them from possible burns from the railing's hot steel surface, which can reach over 150°F.

Zimbra Collaboration Suite crsmith@spicoatings.com

SSPC Crone Knoy Award

Friday, January 21, 2011 2:26:58 PM

From: sowers@sspc.org
To: crsmith@spicoatings.com

Hi Craig,

Thank you for speaking with me today. I am sorry that I am notifying you at this late date, but we were waiting on confirmation that we would have an owner's representative attending the conference to accept the award.

In 2006, SSPC developed a series or awards to recognize the work of teams of contractors, designers, end users and coating manufacturers for excellence on particular coatings projects. The Hoover Dam Bypass-Colorado River Bridge was selected to receive our Crone Knoy Award. The Crone Knoy Award is for outstanding achievement in commercial or industrial coatings work that demonstrates innovation, durability or utility. The project was submitted by United Anco Services of the Brock Group.

The awards will be handed out at the SSPC conference in Las Vegas at the Mandalay Bay Hotel at our Annual Meeting and Awards Luncheon on Monday, January 31 at 11:00 am in Islander F/G. Each participant in the project (owner, applicator and coating material supplier) will receive a plaque. All of the structures in the awards program will be featured in a photo essay in the JPCL after the SSPC conference.

We hope that you will be able to attend. Please let me know if you have any questions and if you will be able to attend.

Best regards,

Terry

-- Ms. Terry Sowers
Director of Member Services
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SSPC: The Society for Protective Coatings. Visit www.sspc.org for more information on SSPC. Mark your calendar now for SSPC's Greencoat in Las Vegas, January 31-Feb 3, 2011!

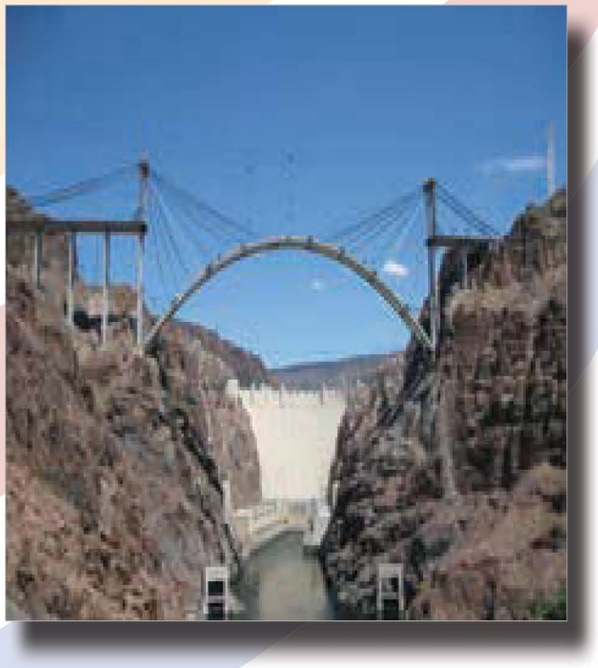
SSPC
The Society For Protective Coatings

E. Crone Knoy Award

for a single, recent, outstanding achievement in industrial or commercial coatings work that demonstrates innovation

Hoover Dam Bypass Bridge - Colorado River Bridge

Spans between Nevada and Arizona



Structure Owner: Federal Highway Administration

Contractor/Applicator: United/Anco Services - A Member of The Brock Group

Coating Material Suppliers: PPG Marine and Protective Coatings, and Superior Products International (SPI)

January 31, 2011

Las Vegas, NV

President

Executive Director