

XP-70 : MMA waterproofing of Highway bridge steel decks Yunnan, China

Bridge decks waterproofing is very important to prolong the bridge service lifetime. Aggressive environmental conditions can cause steel reinforcement corrosion within the bridge structure's concrete resulting in delamination and spalling of reinforced concrete members, which if not resolved can lead to a deteriation in structural strength.



Challenges:

Customer initially applied the MMA waterproofing coating with one unknown brand pump but it is 1k machine, so they needed to mix the coating manually. And during the working procedure they faced lots of issues, such as ratio results were not evenly, and the machine also performed not stable and met frequent break down problems.

Solutions:

Regarding to the material working instructions, it should be sprayed within 40 minutes as its high-viscosity feature. So we recommended Graco XP70 which is Plural-Component Sprayer designed to pump, mix and atomise high-viscosity, high-solids coatings with superior results.

Location:

Chengdu-Lijiang highway bridge, Yunan, China

Materials: Shuyang MMA waterproofing coating

Application description: Mix ratio: 1:1

Flow rate: 5L/min Working pressure: 2500psi

Products: Machine: XP-70 Accessories: XTR gun





Click to play video

Results:

During the work, XP 70 performed very well on the two-part high-solids coatings. In addition, the XP70's design allows gravity feed which may eliminate the need for feed pumps, saving money. When you upgrade from hand mixing, you'll find that the XP70 provides excellent return on investment, by reducing material waste and by using less clean-up solvent.

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice. All other brand names or marks are used for identification purposes and are trademarks of their respective owners. Blue is a trademark of Graco Inc. for Contractor Equipment Sprayers.

SALES/ DISTRIBUTION/ SERVICE Call today for product information or to request a demonstration. CHINA/SOUTH EAST ASIA: + 86 512 62605711 INDIA: +91 124 6610200 AUSTRALIA and NEW ZEALAND: +61 3 9468 8500 Or visit us at www.graco.com

