

TOWER-GARD 568 TECHNICAL DATA

REINFORCED EPOXY ANTICORROSION COATING FOR STEEL AND GALVAZING

High application rate even | **Underwater application**
Underwater | **Excellent bonding / adhesion**
Maximum Technical Performance | **Kevlar™ Fibres Incorporated**

DESCRIPTION	<p>TOWER-GARDS 568 is based on a unique blend of liquid epoxy polymer, toughening resins and aliphatic polyamine curing agents, which is able to displace water from wet surfaces in order to make a permanent bond. The formulation is solvent-free to ensure safety and maximum technical performance. Kevlar™* fibers are incorporated for reinforcement and viscosity management to achieve high application rates-even underwater!</p> <p>TOWER-GARDS 568 provides permanent protection under the most adverse conditions. The formula is uniquely field-friendly and uses advanced low toxicity ingredients. Standard color is Haze Gray which closely matches the color of galvanizing. Shipping is NonHazmat, "Non-Regulated" by USDOT, IATA and IMO.</p> <p><i>* Kevlar is a trademark of E.I. DuPont de Nemours Co</i></p>
RECOMMENDED USES	<p>ANTICORROSIVE COATING : For structural steel and galvanized surfaces in atmospheric service. TOWER-GARD 568 is uniquely tolerant of compromised surfaces. TOWER-GARDS 568 can be applied over all generic types of tightly adherent existing coatings as well as bare steel and galvanizing.</p>
APPEARANCE	<p>COLORS Standard Haze Gray – other available FINISH Slight texture.</p>
PHYSICAL PROPERTIES	<p>VEHICLE TYPE Epoxy, Flexibilizers and Aliphatic amines PIGMENTATION Color / anticorrosive / fibrous reinforcement THINNER..... Not normally required CLEANER M.E.K or Lacquer thinner MIXING RATIO 1.0 / 1.0 v/v INDUCTION TIME Not required POT LIFE Approx. 45' /77°F SOLIDS BY VOLUME 100% SPREADING RATE / GAL..... 80 SQ. ft. / gal @ 20 mils, (508 microns) DRY TIME (Dust free) 4 hours at 77°F DRY TIME (Service) 14 hrs. light, 72 hrs. heavy APPLICATION METHOD Brush, roller, painters mitt VOC Essentially Zero</p>
SAFETY INFORMATION	<p>FLASH POINT..... Over 200°F STORAGE CONDITIONS..... Normal,</p>

SOLVENT - FREE COATING FOR WET OR BRUTAL ENVIRONMENTS

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SURFACE PREPARATION	<p>Painted Surfaces : TOWER-GARD 568 can be applied to all types of existing coatings provided they are clean and have good adhesion</p> <p>Bare and Galvanized Steel : TOWER-GARD 568 is extremely surface tolerant and can be applied to hand and power tool cleaned steel. High pressure water jetting and abrasive blasting are also suitable preparation methods. Coating over tight rust is acceptable where unavoidable however optimum performance will be obtained from better surface preparation. TOWER-GARD 568 may be applied by brush or roller to clean but immersed such as ponding areas</p>
MIXING PROCEDURE	<p>TOWER-GARD® 568 is supplied either in 2 gallon or 4 gallon kits of 2x1 or 2x2 gallon containers respectively each of epoxy base and curing agent. It is important to thoroughly mix equal volumes of the two components. "Hotspots" of incomplete mixed components will cure poorly.</p> <p>Mix using a power mixer with a "Jiffy" style paddle. Note: The Jiffy style paddle efficiently draws material from the sides and bottom of a container in order to thoroughly blend it. TOWER-GARD 568 is supplied with a jet black epoxy and snow white curing agent. When thoroughly mixed the gray color resembles galvanizing gray.</p>
APPLICATION	<ol style="list-style-type: none"> 1) TOWER-GARDS 568 can be applied by heated, 1/1 volume ratio plural components airless spray using a minimum 0.031" tip. Recommended fluid temperatures is 125-130°F at a pressure of 2,500 psi. 2) Brush and roller is straightforward using either synthetic or natural fiber tools
CURING BEFORE SERVICE	<p>TOWER-GARD 568 may be immersed in fresh or salt water immediately after application. It will cure to a hard film within about 14 hours and is suitable for light traffic after this time</p>

SAFETY : This is a hazardous material if misused. Read and understand the Material Safety Data Sheet (MSDS) before use.

WARRANTY DISCLAIMER : The technical data given herein has been compiled for your help and guidance and is based upon our experience and knowledge. However, as we have no control over the use to which this information is put, no warranty, express or implied is intended or given. We assume no responsibility whatsoever for coverage, performance or damages, including injuries from use of this information or of products recommended herein.

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