



THE BEST CORROSION CONTROL PERFORMANCE, GUARANTEED!

Technical Data

TERMAZINC[®] TZ1100 GALVARUST[®] ZINC FLAKE COATING

DESCRIPTION

Termazinc[®] TZ1100 is a fast dry, single component, air dry, zinc flake filled epoxy using Galvarust[®] proprietary zinc flake pigment technology. The product is specifically formulated to act as a primer for steel, tightly adhered contaminate free rust and for the rejuvenation of failing galvanized coatings. The unique combination of Galvarust[®] zinc flake pigment, resin and additives allow the coating to develop a very durable exposed surface along with cathodic protection for the steel substrate. The TZ1100 has excellent corrosion resistance equal to or better than zinc dust filled coatings with 3 times the amount of zinc by weight in them. The reduced amount of zinc metal used in Termazinc with Galvarust Technology and its benefits are becoming more widely known. Trials in heavy duty protective coatings proved that Galvarust Zinc Flake can give significant benefits. The very high proportion of zinc dust, necessary to achieve protection in traditional formulations, produced many problems.. The high zinc load used in traditional zinc coatings made necessary very low proportions of resin components creating poor, inflexible films.

Base zinc metal prices have greatly increased and the cost gap between zinc dust and zinc flake has closed, making the resulting coatings, cost effective. In addition potential environmental issues are being addressed, such as: Lower total zinc content which reduced handling problems which exist with traditional heavy coatings, Lower welding/cutting fumes and lower VOC's, in solvent-based and near zero in water-based coatings.





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USES	Termazinc TZ1100 may be used to overcoat tightly adhere contaminate free rust, metal and galvanized structures. It maybe used for both industrial and residential structures producing substantial savings in coating costs.
COLOR	Grey
SHEEN	Flat
COMPATIBLE SYSTEMS	Termafluro TF 9700, Termafluro TF9800 and almost all tradition topcoat materials used with standard zinc primer today,
GENERIC TYPE	Single component epoxy
SOLVENT	Termazinc Thinner TRT05
SOLIDS BY WEIGHT	63% \pm 2%
SOLIDS BY VOLUME	37% \pm 2%
WEIGHT PER GALLON	14.88 lbs per gal. \pm 2%
V.O.C. (Volatile Organic Compound)	2.8 Lbs. / U.S. Gal
RECOMMENDED THICKNESS	2-3 mils DFT
SPREADING RATE	593.5 sq ft per gallons at 1 mil DFT zero loss factor
DRY TIME @ 25°C - 50% R.H. (relative humidity)	TACK FREE: 7-10 minutes THRU DRY ½ hour



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VISCOSITY	94 KU
APPLICATION	The Termazinc TZ1100 should be applied only when the air and product temperature is between 34 ⁰ F to 125 ⁰ F and the surface has been properly prepared. The surface temperature should not exceed 125 ⁰ F during application.
THINNING	Brush/Roller: Not required. If desired reduce maximum of 15% by volume with Thinner TRT05 Airless Reduce up to 20% by volume with Thinner TRT05 Conventional Spray Reduce up to 20% by volume with Thinner TRT05
CLEAN UP	Lacquer Thinner
SHELF LIFE	12 months in original unopened container when stored in a protected area where the temperature is between 5 ⁰ C to 30 ⁰ C (41 ⁰ F to 86 ⁰ F).
SAFETY INFORMATION	Use with adequate ventilation. Avoid contact with skin and eyes. Avoid prolonged breathing of vapor. Read label instruction carefully and refer to Material Safety Data Sheet supplied. This product is for industrial use only .

Note: The technical data given herein has been compiled for your help and guidance and is based upon our experience and knowledge. It is subject to modification from time to time in the light of experience and our policy of continuous product development. Persons using this product must first satisfy themselves as to its suitability for the intended purpose. Please contact your sales representative for complete recommendations.