

EPIGRIP M922 PRODUCT TECHNICAL DATA

TRANSCARD TG123 MATERIAL TYPE High solid 2 pack spoxy whose main pigmentation comprises micronised glass fiske and anti-corrosives RECOMMENDED USE Anti-corrosive protection of biss cleaned steel and cathodically potected steel. Posses executed in standin resistince and the acceler resistance to immersion in sea water and a range of chemicals. For immirsted structures a suitable primer may be required. Automicine mastic version available for high build fortability potected steel. Complex will bissids 1977 - Table 4K-Type KP1A Recommended for a carriage of grain Automicine mastic version available primer may be required. Automicine mastic version available primer may be required. Automicine mastic version available primer may be required. Recommended available primer may be required. Record available primer may be required. Approved to Carriage of grain Record available primer may be required. Recommended available primer may be required. Record available primer may be required. Recommended available primer may be required. Record available primer may be required. Recommended available primer may be required. Record available primer may be required. Recommended available primer may be required. Record available primer may be required. Recommended available primer may be required. Record available primer may be requ	FULL DESCRIPTION	EPIGRIP M922 GLASS FLAKE EPOXY	
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Shelf Life 2 years from date of batch manufacture	Weight	1.59 kg/litre (may vary with shade)	
	Shelf Life	2 years from date of batch manufacture	

SURFACE PREPARATION:

Blast clean to Sa.2½ (ISO8501-1:2007). Average surface profile in the range 50-100 microns.

For agreed maintenance specifications, M922 may be applied onto manually prepared surfaces to a minimum standard of St.3 ISO8501-1:2007 Part A1. Please consult Leighs' Customer Services to confirm specification.

Ensure surfaces to be coated are clean, dry and free from all surface contamination.

Metagard L574 should be specified where there is a requirement for a blast primer. Other blast primers should not be used without reference to Leighs' Customer Service Department.

APPLICATION EQUIPMENT:

Airless Spray

 Nozzle Size
 :
 0.38-0.53mm (15-21 thou)

 Fan Angle
 :
 65°

 Operating Pressure
 :
 210kg/cm² (3000 psi)

The airless spray details given above are intended as a guide only. Details such as fluid hose length and diameter, paint temperature and job shape and size all have an effect on the spray tip and operating pressure chosen. However, the operating pressure should be the lowest possible consistent with satisfactory atomisation. As conditions will vary from job to job, it is the applicators' responsibility to ensure that the equipment in use has been set up to give the best results. If in doubt Leighs Customer Service Department should be consulted.

N.B. M922 is capable of being applied by brush at 400 microns dft as a stripecoat, or for touch up of small areas.

Aluminium mastic version available for high build brushing maintenance.

APPLICATION CONDITIONS AND OVERCOATING:

In conditions of high relative humidity, ie. 80-85% good ventilation conditions are essential. Substrate temperature should be at least 3°C above the dew point and always above 0°C.

At application temperatures below 10°C, drying and curing times will be significantly extended, and spraying characteristics may be impaired.

Application at ambient air temperatures below 5°C is not recommended.

In order to achieve optimum water and chemical resistance, temperature needs to be maintained above 10°C during curing.

If it is desired to overcoat outside the times stated on the data sheet, please seek advice of Leighs Customer Service Department.

For full notes, see data sheet entitled 'Spreading Rates and Overcoating Times'.

ADDITIONAL NOTES:

Drying times, curing times and pot life should be considered as a guide only.

The curing reaction of epoxies commences immediately the two components are mixed, and since the reaction is dependent on temperature, the curing time and pot life will be approximately halved by a 10°C increase in temperature and doubled by a 10°C decrease in temperature.

Material is not suitable for force drying above 50°c. Consult Leighs Paints for further advice

Epoxy Coatings - Colour Stability:

Variable colour stability is a feature of epoxy materials which tend to yellow and darken with age whether used on internal or external areas. Therefore any areas touched-up and repaired with the same colour at a later date may be obvious due to this colour change.

When epoxy materials are exposed to ultra-violet light a surface chalking effect will develop. This phenomenon results in loss of gloss and a fine powder coating at the surface which may give rise to colour variation depending on the aspect of the steelwork. This effect in no way detracts from the performance of the system.

Epoxy Coatings - Tropical Use

Epoxy paints at the time of mixing should not exceed a temperature of 35°C. At this temperature the pot life will be approximately halved. Use of these products outside of the pot life may result in inferior adhesion properties even if the materials appear fit for application. Thinning the mixed product will not alleviate this problem.

The maximum air and substrate temperature for application is 50°C providing conditions allow satisfactory application and film formation. If the air and substrate temperatures exceed 50°C and epoxy coatings are applied under these conditions, paint film defects such as dry spray, bubbling and pinholing etc. can occur within the coating.

Numerical values quoted for physical data may vary slightly from batch to batch.

HEALTH AND SAFETY:

Consult Product Health and Safety Data Sheet for information on safe storage, handling and application of this product

The information detailed in this Data Sheet is liable to modification from time to time in the light of experience and of normal product development, and before using, customers are advised to check with Leighs Paints, quoting the reference number, to ensure that they possess the latest issue.

Any person or company using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk, and Leighs Paints can accept no liability for the performance of the product, or for any loss or damage arising out of such use.