

DURAGARD 104

A HIGH SOLID SURFACE TOLERANCE EPOXY COATING

CEMKRETE®

ISO 9001 & 14000 CERTIFIED

DESCRIPTION

A high build, high performance, surface tolerance epoxy enveloping coating. Formulated with exceptional wetting and penetrating power that will adhere on surfaces where extensive preparation is not practical.

USES

For wide range of steel and concrete surfaces. Use on structural steel, bridges, tank exteriors, piping, roofs, off-shore and other substrate subject to high humidity and moisture. It's enveloping characteristic makes **DURAGARD 104** a suitable for corrosion resistant material with choice of rust inhibitive or barrier pigments such as zinc phosphate, red oxide, micaceous iron oxide and aluminium. When top coated with polyurathane coating, it is resistant to splash, spillage and fumes of acid, alkali, solvent and salt water. Also designed for floors and walls coating in food, pharmaceutical, electronics, glove factory and other light industrial plants.

BENEFITS

- Can be top coated (indoor)
- Self priming and surface tolerance
- Excellent adhesion on most surfaces
- Versatile, easy to apply and low maintenance
- Good resistant to abrasion, chemical and corrosion
- High solid - 1 coat application excelled 2 coats of conventional painting

COLOR

Off white, Light grey

FINISH

Semi gloss



Technical Data:	
No of component	2
No of coats recommended	1 or 2
Recommended dry film thickness	125 - 200μ
Mixing ratio	1 : 1 by volume of Part A & Part B
Estimated coverage at 125μ	6m ² /ltr/coat
Solid content (mixed)	80% ± 2
Cleaner	Thinner #2
Pot life	2 hours at 25°C
Storage & Shelf life at 25°C	Above 12 months if kept in tightly sealed can
Packaging	5 & 20ltr

NOTE: Coverage figure given is theoretical. Due to wastage factors, the variety nature of the substrate, and the site application condition, etc., the practical coverage may be reduced.

The information given in this data sheet is to the best of our knowledge true and accurate; but as we have no control over where or how the product is applied, there are no warranties expressed or implied regarding the product's use or performance. Customers are advised to thoroughly test before adapting them to their own use. It is strongly recommended to trial on small area before large scale application.

WEBSITE

www.cemkrete.com.my

TELEPHONE

+603-8062 4478

FAX

+603-8061 5877

EMAIL

enquiry@cemkrete.com.my

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SURFACE PREPARATION

Steel Surface

Abrasive blast clean or minimum mechanical wire brushing in accordance with SSPC-SP3 (ST3).

CONCRETE

Surface must be cured, dry, clean and free from contamination.

GLAVANIZED STEEL

Solvent rub to remove oil and contaminants and followed by light sanding to roughen surface.

MIXING

Stir each component separately using electric drill fitted with a paint mixer or a wing type mixing paddle. Then pour entire content of Part B into Part A and continue to mix material for 2-3 minutes until smooth and homogeneous before use.

APPLICATION

Apply DURAGARD 104 within its pot life

NOTE: Pot life ends when material becomes too viscous to use

1st Coat and 2nd Coat

Can be thinned up to 10% of Thinner #1 maximum to improve application and workability. Running or sagging may occur at excessive thinning. Allow 8 hours in-between coats.

THINNING

Thinner #1

METHOD OF APPLICATION

Brush, roller (short hair mohair roller) or airless or conventional spray.

RECOATING

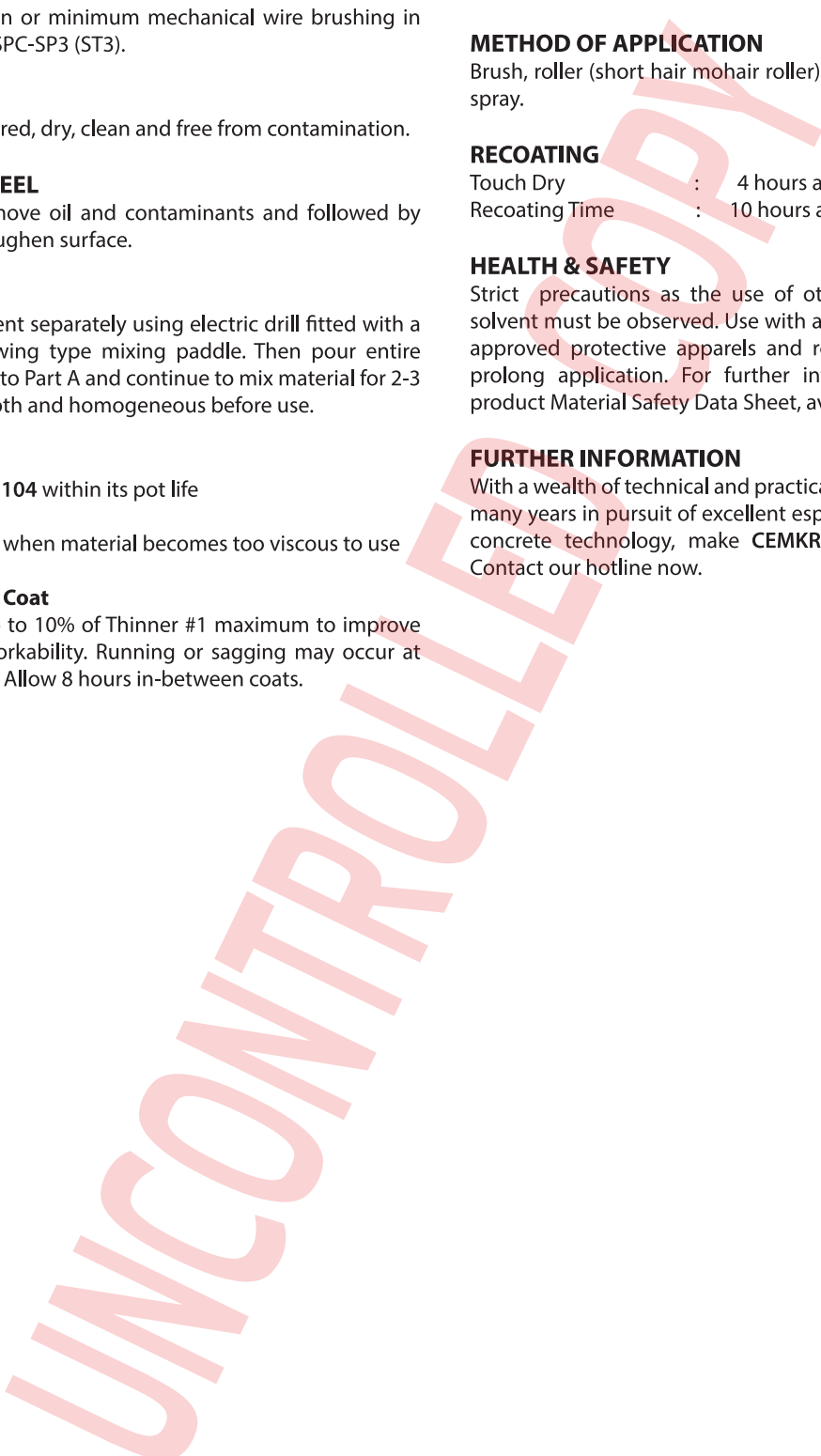
Touch Dry : 4 hours at 25°C
Recoating Time : 10 hours at 30°C

HEALTH & SAFETY

Strict precautions as the use of other combustible, volatile solvent must be observed. Use with adequate ventilation. Wear approved protective apparels and respiratory equipment for prolong application. For further information, refer to the product Material Safety Data Sheet, available upon request.

FURTHER INFORMATION

With a wealth of technical and practical experience built up over many years in pursuit of excellent especially in the flooring and concrete technology, make CEMKRETE your partner today. Contact our hotline now.



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