

**DESCRIPTION**

A high solid, coal tar epoxy coating for protection of steel and concrete in immersion service. An economical and reliable protective coating for immersion and underground structures. Can be applied at thickness up to 225 $\mu$  and cures to a hard, smooth finish.

**USES**

As lining for tanks, piping, trenches, sumps, barges & tanker carrying sour crude, petroleum products, and salt water ballast. Also can be used as heavy-duty coating for steel and concrete surfaces in sewage treatment plants, paper mills, chemical plants etc.

Excellent protection for underground surfaces including water mains, stand pipes and reservoirs & other area requiring Corps of Engineers C-200 Specification coating system.

**NOT RECOMMENDED FOR IMMERSION IN AROMATIC OR KETONE SOLVENTS; STRONG OXIDIZING ACIDS.**

**BENEFITS**

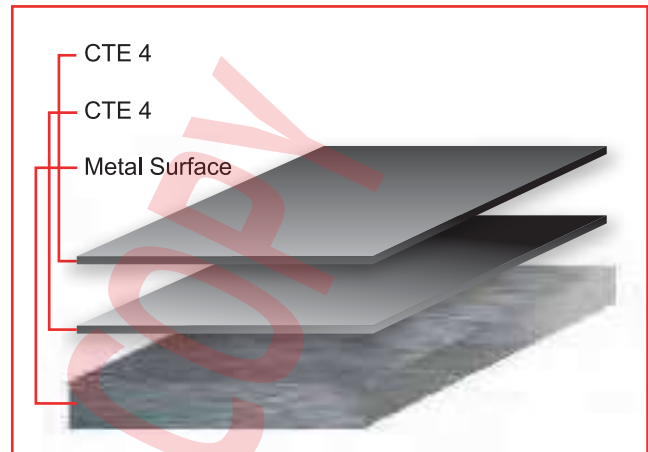
- Excellent chemical and water resistance
- Excellent abrasion resistance
- Flexible

**COLOR**

Black

**FINISH**

Matt



| Technical & Application Data:   |   |
|---------------------------------|---|
| No. of Components               | 2   |
| No. of Coats Recommended        | 1 or 2  |
| Dry film thickness              | 225 $\mu$   |
| Solid Content (mixed)           | 85% $\pm$ 2 by volume   |
| Estimated Coverage at 225 $\mu$ | 4m <sup>2</sup> /Ltr  |
| Mixing Ratio                    | 4 : 1 by volume of Part A and Part B  |
| Abrasion Test                   | 0.057g / 1000g (CS-10)  |
| Pot Life                        | 2 hours at 25°C<br>Note: Pot life ends when material becomes too viscous to use |
| Thinner                         | Thinner # 1   |
| Storage & Shelf Life at 25°C    | Above 12 months if kept in tightly sealed can                                   |
| Packaging                       | 5 Ltr & 20 Ltr  |

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.

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**SURFACE PREPARATION****For Non-Immersion Service**

Abrasive blast clean in accordance to SSPC- SP - 6 (SA 2)  
"Commercial Blast"

**For Immersion Service**

Abrasive blast clean in accordance to SSPC-SP-10 (SA 2½)  
"Near White Metal"

**For concrete surfaces**

Allow new concrete to cure for 28days, Brush -off blast.

**MIXING**

Stir each component separately using electrical 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 homogenies before use.

**METHOD OF APPLICATION**

For airless spray, use standard airless spray equipment with 28:1 or higher pump ratio and orifice tip size of 0.021 to 0.025.

For conventional spray, use industrial equipment spray gun, Separate air and fluid pressure regulators, mechanical pot agitator and moisture trap in the main air supple line recommended.

Roller and brush application, is only for touch up and for difficult areas. Additional coat may be required to achieve the dry film thickness. Take care to avoid runs and sags.

Drying time At : 30°C  
Touch Dry : 2 hrs  
Recoating time : 8 hrs

**TYPICAL CHEMICAL RESISTANCE:**

| Exposure | Immersion | Spillage  | Fumes     |
|----------|-----------|-----------|-----------|
| Acids    | V.good    | Excellent | Excellent |
| Alkalies | V.good    | Excellent | Excellent |
| Solvent  | Good      | V.good    | Excellent |
| Salts    | Excellent | Excellent | Excellent |
| Water    | Excellent | Excellent | Excellent |

**HEALTH & SAFETY**

Strict precautions as the use of other combustible, volatile solvent must be observed. Use with adequate ventilation. 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 our pursuit of excellence especially in the protective, flooring and concrete technology, make **CEMKRETE** your partner today. Contact our hotline now.

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