

TM
VERL@C CT
HIGH BUILD COAL TAR EPOXY COATING

BENEFITS

- Excellent resistance to water and chemicals
- Flexible
- Cost effective
- Can be easily applied.
- Reduces toxicity
- Excellent anti-corrosive properties.

USES

Chemical bonds, sewage treatment works, effluent plants, non-slip flooring, anticorrosive protection of steel work.

DESCRIPTION

VERL@C CT is based on a solvent based Epoxy Resin system modified with a hydrocarbon resin, derived from coal tar.

This modified tar is free from pitch and hence represents a low hazard during use. i.e. **VERL@C CT** is much more user friendly than conventional Pitch Epoxy Coatings.

VERL@C CT is supplied as a two pack material in pre-weighed quantities ready for mixing and use.

TYPICAL PROPERTIES

Colour	: Black
Pot Life	: 60 minutes at 25°C
Tack Free Time	: 16 hours at 25°C
Hard Dry Time	: 24 hours at 25°C
Full Cure Time	: 7 days at 25°C
Chemical Resistance	: Excellent resistance to long term immersion in the following : 25% hydrochloric acid, 50% sulphuric acid, 10% nitric acid, 25% sodium hydroxide, petrol.

INSTRUCTION FOR APPLICATION

1. **Surface Preparation** : All surfaces to be treated with **VERL@C CT** should be sound, clean and free from dust, dirt grease and other contaminants.
- A) **Concrete Substrates** : New concrete shall be allowed to cure for a minimum of 21 days. Laitance shall be removed, preferably by grit blasting. Any honeycombing, blow holes etc. Shall be filled using **VERL@CSCREED VF** pores concrete, apply one coat of **VERL@C EP MU PRIMER** on porous

concrete surface.

- B) **Steel Substrates** : Steel structures should be free from Rust. Old structures should be sand blasted.

Mixing : The entire contents of the Base container should be emptied into that containing the Hardner component, and both the materials mixed thoroughly to achieve uniform consistency.

Mechanical mixing is preferred e.g. low speed electric drill with paddle attachment.

Application : Apply **VERL@C CT** by brush, roller, air or airless spray. Following overnight cure a second coat may be applied.

PACKING & COVERAGE

U.S Gallon / Pail.

A 1 kg will be sufficient to coat 5 to 6m² with the recommended thickness minimum of 200-250 microns.

SHELF LIFE & STORAGE

VERL@C CT will have a shelf life of **12 months** in unopened containers when kept in dry conditions at a temperature between 5°C to 45°C. Storage at higher temperature or high humidity may reduce shelf life.

LIMITATIONS

Do not apply to wet or uncured concrete surfaces. Do not apply at temperatures below 5°C.

HEALTH & SAFETY

Avoid contact with skin and eyes by use of suitable protective clothing and goggles. All splashes to the skin should be immediately washed off with soap and water. If contact with the eyes occur, then irrigate with copious quantities of clean water, and seek medical advice.

Preparation

Thinning : Verlasol EP 5/15%

Hardener : hardener EP 20% by weight

VERL@C CTTM
QUALITY ASSURANCE



HAMCO SARL manufactures entire range of construction chemicals ,protective coatings, decorative paint,wood coatings, water proofing systems .

TECHNICAL SERVICES

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our technical personnel & experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.



The information given in this data sheet is based on both the current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept the responsibility for any work carried out with our materials as we have no control over methods of application, site conditions etc. In view of the continuing research and development being undertaken in our laboratories we advise customers in their-own interest to ensure that this data sheet has not been supersede by more up-to-date publication. All products are sold subjected to our standard conditions of sale which are available an request. Field services, where provided, does not constitute supervisory responsibility. For additional information please contact our local HAMCO SARL –VERLAC-representative.

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