

™

VERL@C CT HS PRIMER

HIGH BUILD (HS) COAL TAR EPOXY PRIMER

BENEFITS

- Excellent Adhesion Properties
- Flexible
- Cost effective
- Can be easily applied.
- Reduces toxicity
- Excellent anti-corrosive properties.

USES

Chemical bonds, sewage treatment works, effluent plants, anticorrosive protection of steel work.

DESCRIPTION

VERL@C CT HS PRIMER is based on low VOC Epoxy Resin combined with Coal Tar.

This Epoxy Resin is free from pitch and hence represents a low hazard during use. i.e. VERL@C CT HS PRIMER is much more user friendly than conventional Pitch Epoxy Coatings. VERL@C CT HS PRIMER is supplied as a two pack material in preweighed quantities ready for mixing and use.

TYPICAL PROPERTIES

Colour	: Black
Hardener	:20%
Chemistry	:Epoxy
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	: 14 days at 25°C
VOLUME SOLIDS	: 87% ± 2%

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 **SAFCORE CT HS PRIMER** 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.

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 HS PRIMER** by brush or roller. Following overnight cure a second coat may be applied.

For spray application airless nozzle :0.028/0.030

pressure at nozzle :3000psi

Recommended Machine type Graco X70

brush and roller can be used

PACKING & COVERAGE

U.S Gallon / Pail.

A 1 kg will be sufficient to coat 5 to 6m² with the recommended thickness minimum of 100-200 microns.

SHELF LIFE & STORAGE

VERL@C CT HS PRIMER 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.

Preparation :

Thinning
:5/15%Verlasol EP
HardenerEP-HS 20%

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.

QUALITY ASSURANCE

HAMCO SARL manufactures entire range of construction chemicals Protective coatings ,wood coatings ,decorative paints ,water proofing systems

Service

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

Fields Of Application :

Petrochemical Plants

,Chemical tanks ,Gas tanks ,underground application ,electric poles ,steel poles ,wooden poles ,wood basement structure ,public drain pipes ,household drain pipes and others .



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