



## Nano Modified High Build Epoxy Coating

# SMAC<sup>®</sup> Epocrete HCR

## DESCRIPTION

**SMAC EPOTOPCRETE HCR** is solvent free nano polysiloxane modified high build epoxy coating with excellent corrosion resistant as well as chemical resistant properties.

## PROPERTIES

- Self priming
- High adhesion
- Corrosion resistance
- Chemical resistance
- Water resistance
- Ecofriendly
- 100 % solids
- Direct to metal application
- Good abrasion and scratch resistant

## APPLICATION PROCEDURE

First remove all loose particles using wire brush or sanding, clean the surface by water or Suitable solvent to remove oil ,grease and contaminants on the surface , let the steel dry Completely. Then Apply first coat of **SMAC EPOCRETE HCR**, then after 4-5 hrs apply second Coat of **SMAC EPOCRETE HCR**.

For old corroded steel first apply one coat smac Anticorr RC, then apply two coats of **SMAC EPOCRETE HCR**

## Nano Modified High Build Epoxy Coating

# SMAC<sup>®</sup> Epocrete HCR

### APPLICATION AREA

- Chemical plants pipe lines and vessels
- Construction project steel elements and construction machinery
- Barges
- Offshore structure and marine vessel
- All types of steel structure subject to marine environment
- Railways, Steel roof, AC ducts, Transformer
- Any steel structure which required long terms corrosion protection

### PRODUCT CHARACTERISTICS

<b>Colour</b>	: White, Yellow, Green, Red, Black
<b>Base</b>	: Nano Polysiloxane Modified Epoxy Resin and Hardener
<b>Mixing ratio</b>	: 82 parts resin : 18 parts hardener
<b>Pot life</b>	: 30 minutes
<b>Volume of solids</b>	: 100%
<b>Non volatile matter</b>	: 100%
<b>Recommended thickness</b>	: 150-200 micron
<b>Recommended coats</b>	: Two
<b>Coverage</b>	: 4-6 sq.mtr. in two coats
<b>Touch dry</b>	: 3-4 hrs
<b>Hard dry</b>	: 3-4 hrs
<b>Recoating interval</b>	: 4 hrs
<b>Packing</b>	: 5 kg
<b>Shelf life</b>	: 12 months in sealed container



Disclaimer: The information given in good faith is based on our in-house testing & site results. However, we do not guarantee the same as the conditions of actual use are beyond our control.

**WE HAVE OUR OWN PROJECT DIVISION & UNDERTAKE LARGE PROJECTS.**



**FACTORY :**  
Plot No. B-82,  
Lote M.I.D.C., Ratnagiri,  
Maharashtra - 415 722.

**MUMBAI OFFICE :**  
Shop No. 4, Ganga Bhuvan,  
SRPS Road, Opp. Chetan Apts.,  
Bhandup (W), Mumbai.