



## Engineer Plus HPC-99

### Heat Proofing Compound

#### Description

**Engineer Plus HPC-99** is a matchless heat proof compound which wonderfully works on masonry surface. It stops heat penetration and keeps cool by reflecting more than 90% heat of the sun from surface. It makes you comfortable to walk on, to live with and to save electric energy. It keeps water cool in any type of water storage tank.

#### Areas of Application

- Terrace of Commercial Buildings/Offices
- Hospitals
- Shopping Malls
- Home
- Apartments
- Oil Storage Tanks
- Factories
- Sintex tanks / water tanks and pipe lines
- Any type of old or new sheets and RCC roofs

#### Features & Benefits

- Very low heat penetration.
- Very high heat reflection.
- High resistance to ultra violet light.
- Considerable decrease in room temperature and electric consumption.
- High heat stability (between 0 C to 90 C).
- High freeze thaw stability.
- Good weathering characteristics.
- Excellent adhesion to most building materials and no need to cure.
- It produces excellent result on almost all absorbent mineral substrates by increase durability, toughness, flexural and bond strength.
- Excellent elastomeric and crack bridging capability.
- Very low water absorption.
- Resistance to high alkali, sulphates and salts.
- Low dirt pick up.
- Anti corrosive, protects reinforcement steel and increase life of building.
- Anti-Fungal, Anti Microbial.
- Economical
- Safe, eco-friendly, hygienic.



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#### Method of Application

- Clean the surface by rubbing with wire brush and other tools as per required to remove dust, fungus, grass root, rust, tar coal & loose material.
- Wash with clean water. Repairing of Cracks work will be carried out as per requirement on terrace
- Apply 1st coat of HPC-99 layer for Heat proofing & mix with water in the ratio of 1: 0.5 kg.
- Then apply 2nd & 3rd coat of Pure HPC-99 layer for giving Final touch of Heat proofing,

#### Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Appearance		Free, flowing, homogeneous & uniform paste
Colour		Ultra White
Solid content %		>60 %
Sp. Gravity		1.1 to 1.2
SRI Value %		83 to 85
Total solar energy rejected		95%
Elongation, %		200
Thermal conductivity		0.029 w/mk

#### PACKING



5kg

10kg

20kg

#### Head Office

61, Jawahar Marg, Near Sanjay Setu, Indore, MP 452007  
 Ph. 9329577550 Email : engineerplusindia@gmail.com  
 Web : www.engineerplus.in / www.icoindia.co.in