



ADHERE BONDS
The Versatile Construction Chemicals

ADHEREX - EP

Epoxy Primer

ADHEREX - EP is a unique formulation which produces hard chemical resistant excellent adhesion to concrete and steel surfaces.

ADVANTAGES:

Abrasion resistant and smooth
Hygienic
Improved aesthetics
FUNCTION:

ADHEREX - EP is chemically cured epoxy floor coating system where the interwoven polymer films aid in better mechanical properties and chemical resistance.

USES:

Forms a smooth and aesthetically pleasing film having excellent adhesion to the substrate and have good resistance to wide range of minerals and organic acids, Alkalis, Oils, Fats etc.

Applied on vertical surfaces and ceilings of buildings to resist aggressive chemicals and to produce hygienic environment.

Used as a hygienic surface coating for food processing industries, swimming pools, operation theatres, concrete and steel structures, battery rooms, chemical handling areas etc.

SURFACE PREPARATION:

Remove dirt, Grease & oil residues and existing paint by scrubbing with coarse wire brush / chipping / acid etching / sand blasting and water jetting. New concrete should be cured for minimum 28 days prior to the application of ADHEREX - EP. The concrete should be bone dry before application of ADHEREX - EP.

APPLICATION:

Prior to application of ADHEREX - EP, the cracks / joints etc, shall be sealed with epoxy or sealant i.e. ADHERE SEALP.

ADHEREX - EP shall be applied on the prepared surface and allowed to dry. The base and hardener should be mixed in proportion. Tools and equipments should be cleaned with ADHEREX - EP immediately after application.

Note:

Whilst any information and / or specification contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendation or suggestions made by us, our representatives, agents or distributors as the conditions of use of any labour involved are beyond our control.

TECHNICAL DATA:

Touch dry 5 hours at 30°C.
Hard dry 10 hours at 30°C
Full Cure & Chemical resistance 7 days
Tensile Strength 25 Mpa
Extensibility 3.9%
Flexural Strength 36 Mpa
Mixing Ratio 2 : 1
Mixed viscosity at 25°C 1100 cps

CHEMICAL RESISTANCE:

ADHEREX - EP has excellent resistance to various chemicals such as 50% solution of sulphuric acid, phosphoric acid, hydrochloric acid, sodium hydroxide, 10% solution of ammonia and urea, saturated sugar, kerosene, petrol and diesel.

POT LIFE:

The working time of ADHEREX - EP depends upon the temperature. At 30°C pot life is about 60 minutes.

COVERAGE:

On a smooth concrete surface, ADHEREX - EP will give coverage of 4m²/kg for single coat application.

PRECAUTION:

Smoking, naked flame or light should strictly not be allowed during application or in the area of storage.

SHELF LIFE:

12 months from the date of packing in ideal storage conditions.

PACKING:

6, 24, 48 Kgs

Adhere Bonds
Coats Pvt Ltd

