



AEROTM
CONCHEM LLP

AN ISO 9001 : 2008 CERTIFIED COMPANY

AERO LEVELLEX EP

Solvent free self-leveling epoxy flooring system

Description

AERO LEVELLEX EP Self-leveling Epoxy Flooring System is available in a variety of thicknesses (2 to 3mm typical.) The glossy, easy-to-maintain surface resists dirt and chemical penetration while enhancing the appearance and light reflectivity of your facility. The cured floor exhibits resistance to abrasion and chemicals, and finishes to a smooth, seamless, impervious surface that can easily be maintained in clean and hygienic condition. It functions well on concrete, cement screed, tiles, wood and terrazzo.

Uses

It provides a hard wearing attractive leveled floor, which is chemical resistant, impervious and extremely easy to clean.

- Food Industrials
- Clean room
- Hospitals, schools and shopping mall
- High mechanical wear
- Traffic Zones
- Hygienic
- Assembling plants
- Storage and logistic areas
- Chemical and pharmaceutical industries
- Institutional areas

Advantages

- Excellent wear and impact resistant properties.
- Impervious to liquids. Excellent resistant to chemicals.
- Easy application.
- High strength.
- Varying degree or anti-skid finish available.
- Protects and beautifies.
- Aesthetics.
- High mechanical strength. Short waiting times.
- Easy to maintain.
- Design application to fit budget

IMPORTANT NOTES

1. Minimum ambient and substrate temperature is 10°C.
2. Apply only to clean, surfaces should be free of surface water and leaks.

Instruction For Use

Surface Preparation

All the surfaces must be clean, free from grease, oil, laitance, and remove all the dirt and contaminants, which might affect adhesion. The impurity outside the structure body should be cleaned thoroughly. The substrate should be level, preferably slightly rough and dry (maximum 4% moisture content or at least 28 days old).

Priming

Prime the prepared surfaces using SAFECOTE EP PRIMER applying the material at a nominal rate of 4 m²/Kg. Allow the primer to cure overnight.

Note : If the surface is exceptionally porous it may be necessary to 'double prime'.

Typical Properties & Specifications:

The values given below are average figures achieved in laboratory tests. Actual values obtained on site may show minor variations from those quoted.

Sr.No	Properties	Specification
1	Pot Life	45 mins @ 30 °C, 60 mins @ 20 °C
2	Setting Time/ Foot traffic	24 hrs @ 30 °C
3	Vehicular Traffic	36 hrs @ 30 °C
4	Chemical Resistance	7 days @ 30 °C
5	Compressive Strength (BS 6319, Pt. 2)	35 N/mm at 1 day, 60 N/mm at 7 days
6	Flexural Strength (BS 6319, Pt. 3)	35 N/mm at 7 days
7	Tensile Strength (BS 6319, Pt. 7)	18 N/mm at 7 days
8	Pull off strength (BS 1881, PT.207)	4 N/mm (Failure within @ 7 days cure the concrete substrate.
9	Water absorption (ASTM C413)	Nil

Mixing

AERO LEVELLEX EP is supplied as a three component product, each component being pre-weighed ready for use. The contents of the Hardner container should be drained into the Base component and the two materials thoroughly mixed. Aggregates are to be added into the base Hardner mix. The mixed liquid should then be poured into a forced action mixer until a uniform consistency has been achieved.

Application

Applicators of AERO LEVELLEX EP must wear spiked shoes during application.

Pour the mixed material onto the primed and sealed surface, and spread to the required thickness using a pin screed or a notched trowel. Immediately roll the spread material with a spiked roller to release entrapped air and remove trowel marks. Continue rolling until all air is released but well before the material starts to stiffen.

Curing

AERO LEVELLEX EP is self curing. Protect the applied area from dust, spillage, insects and pedestrian or vehicular traffic for at least 24hr.



AEROTM
CONCHEM LLP

AN ISO 9001 : 2008 CERTIFIED COMPANY

AERO LEVELEX EP

Solvent free self-leveling epoxy flooring system

Cleaning

SAFECOTE EP PRIMER and AERO LEVELEX EP should be removed from tools and equipment with SAFECOTE TOOL CLEANER immediately after use. Hardened material can only be removed mechanically.

Packing & Coverage

Packing : AERO LEVELEX EP is supplied in 15kg packs consisting of Base, Colour pack, Hardener and Aggregates.
Coverage : A 15kg unit of AERO LEVELEX EP will yield 8.60 litres of mixed material.

Each pack is sufficient for 4.2 m² at the minimum 2 mm thickness on fair-faced primed concrete surface considering wastages.

Shelf Life & Storage

AERO LEVELEX EP has a shelf life of 12 months from date of manufacture when kept at a temperature between 5 °C to 45 °C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

Quality Assurance

AERO CONCHEM LLP is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2008 certified.

Health & Safety

AERO LEVELEX EP is a resin based product. Resins and solvents may cause allergic reactions in some people. Wear gloves, use barrier cream on unprotected skin areas and wear eye protection when mixing, using and cleaning. Ensure adequate ventilation to prevent inhalation of vapours. If skin contact occurs remove resin immediately with cleansing cream and wash with soap and water. Do not use Solvent. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. If swallowed do not induce vomiting. Seek medical advice immediately. Full health and safety data are given in Product Safety Data Sheet.

OUR RANGE OF PRODUCTS



Reg. Office:

201, Shrinath Square, Shuklanagar Char Rasta,
Nr.Reliance Fresh Store, Mehsananagar Road,
Nizampura - Vadodara - 24.

Phone:

(0265) 6556699, 2886535

Works:

Plot No. 265, Haridham Sokhada Road,
Village - Sokhada, Dist. - Vadodara.
State - Gujarat - INDIA.

E-mail:

sales@aeroconchem.com

Website:

www.aeroconchem.com

JAN/2017/01