

1. Epoxy Self Levelling

The name *Cipoxy* is synonymous with epoxy range of floor toppings. *Cipoxies* are known for their excellent self-levelling, high gloss and toughness, though they have apparent drawbacks such as low flexibility, poor impact resistance and the open molecular structure allowing for higher filler loadings.

Cipoxy SL 1000 and Floortop 1000 are generally applied on floor areas that demand exceptional performance and hygiene such as clean rooms, bakeries, dairies, health care, food processing and pharmaceutical production areas.

Cipoxy CG, a two component clear self levelling system based on a modified epoxy resin and a specific grade of cyclo-aliphatic amine curing agent, is recommended for the performance enhancement of the pigmented floor toppings.

From thin coatings to self levellings, *Cipoxy* floorings are industry's work horse floortoppings today.

Key features

- Excellent gloss
- Self levelling characteristics
- Excellent toughness and compressive strength
- Good chemical resistance

2. EPU Self Levelling

Cipy has pioneered the art of hybrid technology by infusing urethane groups into epoxy polymer matrices where the functional properties of epoxy (adhesion, toughness and gloss) are combined with those of PU (abrasion resistance, flexibility and impact resistance). EPU Flooring systems deliver the toughest performance in the most aggressively abused areas and provide scientifically superior polymer hybrid technology, engineered for excellence in floor protection as well as decoration. EPU Flooring system, *Cipothane SL* is more flexible, more impact resistant and more wear resistant than its *Cipoxy* counterparts.

Features of EPU Self Levelling -

- *No external addition of fillers while applying.*
- *Excellent self levelling properties*
- *Excellent gloss*
- *Good flexibility*
- *Good abrasion and impact resistance*
- *Excellent wear resistance*
- *Flexo hard and fast setting*
- *No bubbles*
- *Excellent resistance is observed against distilled water, detergent solutions, alkalies and acids.*
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- *Pharmaceutical industries*
- *Engineering industries*
- *Automobile units*
- *Health care industries*
- *Auto-ancillary units*

3. PU Self Levelling

The first to make a solvent free polyurethane floor topping in the country, Floorkote SL is a fast setting, flexible self levelling system designed to provide an extremely abrasion resistant and resilient floor topping which finds use in automobile industries, light and heavy engineering units, hangars, chemical and fertilizer plants.

Key features

- *Unsurpassed wear resistance*
- *Flexibility*
- *Chemical resistance*
- *Impact resistance*
- *Cures instantly with minimum downtime.*

4. PU Concrete

DuraCrete is an eco friendly, urethane cement system providing high wear and high impact floor protection to concrete floors. DuraCrete offers extreme resistance against physical or chemical abuses, thermal shocks and impact loads and is ideal for cold rooms, pharma, food, beverage, meat processing, diary and flight kitchens. Available in limited colours.

Key features

- *Resistant to thermal shocks*
- *Rapid return to service*
- *Resistant to wear and impact*
- *Hygienic*
- *Anti-skid*
- *Low odour*
- *Zero VOC*

5. Deck Coatings

Anti-skid multi polymer floorings for multi storey car parks, reinforced with PU membranes having crack bridging abilities, DeckFloor systems transform the dark and gloomy areas into lighter and brighter zones. DeckFloor systems involve epoxy, epu and urethane chemistries to deliver the best car park floorings currently available. DeckFloor systems employ solvent-free, solvent borne and waterborne systems based on epoxies and urethanes.

DeckFloor FC: for ground car parks

DeckFloor ID: for internal decks

DeckFloor ED: for external decks

Key features

- *Anti skid - DeckFloors are tested with anti slip, with no skidding reported even on wet floors*
- *Crack bridging - Strengthening with an elastomeric PU membrane brings crack bridging ability of the system.*
- *UV resistance - The aliphatic top coats for exposed decks offers resistance to UV light and so are light stable*
- *Durability Serviceable life of a decade with proper floor care and maintenance*
- *Chemical resistance - DeckFloors are extremely resistant to diesel, petrol, battery acid, brake fluid and lubricating oils*
- *Abrasion resistance - With PU and MCU top coats, Cipy DeckFloors offers the higher wear resistance.*

- *Aesthetics* – DeckFloors provide dust free atmosphere, reduce noise levels and are available in attractive colours in Cipy, RAL
- *Rapid cure* – DeckFloors are quickly installed with rapid return to service
- *Quality* – Cipy is accredited with quality and environment systems, ISO 9001, ISO 14000 and OHSAS 18000
- *Adhesion* – With a specially formulated solvent free epoxy primer, the system bonds tenaciously to the base surface
- *Robust* – Because of multiple polymer technology, Deckfloors are tough yet flexible to take care of physical and chemical abuses
- *Water proof* – DeckFloors are effectual barriers against the passage of water and water vapour, thus protecting the structural integrity
- *Extremely wear resistant*
- *Resistant to petrol, diesel and battery acid*

6. ESD Flooring

Static dissipative and conductive floorings guard you and your sensitive equipments against alarming static charges.

Cipothane ESD systems are resinous static control flooring systems that dissipate static charges by grounding personnel or objects and provide attractive, durable, seamless floors that offer superior ESD protection as well as twice the compressive strength of the concrete.

Cipothane ESD 104: Conductive Cipothane ESD 108: Static dissipative ESD 104 is a conductive flooring system where the surface resistivity is within the range of 25000 (2.5×10^4) and 10,00,000 (10^6) ohms. ESD 108 is a static dissipative flooring system where the surface resistivity is within the range of 1×10^6 and 1×10^9 ohms.

Key features

- *Continuous static dissipation*
- *Compressive strength higher than concrete*
- *Zero-seam flooring*
- *Available in all shades*

7. Densi Polished Floors

Exhibiting superior durability, low maintenance and high performance, it is no wonder why warehouses, retail and office facilities are opting for polished concrete floorings as an alternative to marble, granite, tile, linoleum or coated concrete. Every facility owner is catching on to the appeal of these smooth, high-lustre floors which require zero maintenance and are green.

Densi Polished Floors are for those areas where concrete needs densification and polishing and have now become the logical choice for those who look for performance, cost savings, reduced maintenance and aesthetics.

Densi Polished Floors involve three processes such as grinding (till the grains are exposed), densification with Nano Lithium Silicate and then polishing with sophisticated diamond polishing machines.

Key features

- Zero maintenance
- High lustre
- Enhanced strength
- No coating, no peeling

8. Polyaspartic Floors

The newest to offer for the flooring industry, Spartikote floor systems incorporate polyaspartic technology which is a hybrid chemistry of polyurea and aliphatic urethane. It is formed by a chemical reaction between hindered amines and aliphatic isocyanates. Spartikote floors are installed and returned to service within 24 hours.

Spartikote SL

A fast setting self levelling floor coating recommended for industrial and commercial concrete floors. Remarkable abrasion resistance, excellent gloss, self levelling nature, enhanced adhesion to concrete, rapid setting and resistance to a variety of chemicals make Spartikote SL the supreme choice for those whom time is the major factor. Unlike conventional slow setting epoxies, Spartikote SL can be installed in just few hours, with next day return to

service. It can be applied on interior and exterior areas because of its excellent UV resistance

Spartikote FC

A third generation polyaspartic pigmented roll-on coating recommended for the most demanding applications.

Spartikote CG

A polyaspartic clear roll-on coating for both internal and external applications over pigmented or flaked-floor systems

Key features

- Rapid setting
- UV resistant
- Wear resistant
- Excellent gloss
- No amine blushings
- No blisters

9. Chemical Resistant Floorings

Cipy offers specially developed floor coatings to withstand spillages of high concentrations of acids, alkalies and chemicals. Based on different chemistries like highly cross-linked chemical resistant urethanes (CRU), vinyl esters and novalac epoxies, Cipy CRF systems deliver superior performance against acidic, alkaline and chemical spillages. These CRF systems are highly recommended for chemical, fertilizer and process industries. Among the CRF floorings, the multifunctional epoxy phenolic novalac flooring, **Cipoxy EPN 100** is extremely resistant to concentrated acids, alkalies, solvents and a variety of chemicals.

- CRU : ARC 70
- Vinyl ester, bisphenol A type : Cipyester 100
- Vinyl ester, Novalac type : Cipyester 100 NV
- Novalac epoxy : Cipoxy EPN 100

10. EP PU Flooring For Absolute Strength & Durability

The new entrants in the polymeric coating field, EP-PU floorings signify the importance of multi polymer systems for floor protection. EP-PU system consists of an epoxy pigmented base coat and a highly wear resistant, urethane clear topcoat.

Cipoxy SL1000 & FK 2000: the ultimate combination for floor protection and decoration.

Key features

- High wear resistant
- UV resistant
- Flexible
- Longer life

11.Breathable Floors

Based on a novel chemistry of water borne, cycloaliphatic amine curing agent, Cipoxy AQSF breathes through the concrete substrates with no outgassing, no osmotic blisters, no delamination, and no amine blushing. Cipoxy AQ SF, a product of complete green technology, is the perfect way to combat hydro static pressure related coating failures.

Key features

- Breathable
- Resistant to hydrostatic pressure
- Imparts a matte finish
- No osmotic blisters
- Near zero VOC

12.Decofloors

DecoFloor is a multi layered epoxy based floor topping system, comprising of an epoxy resin, a curing agent, colour concentrate and decorative fillers. DecoFloor incorporates craftily blended light-weight granules in a tough epoxy system which is then sealed with a hard wearing polyurethane clear topcoat.

With varied range of decorative granules and base colours, high performance designer floors in unlimited custom patterns are created.

DecoFloors can be installed in restaurants, retail shops, counter tops, pool decks, porches, garages, IT and pharma floors.

Key features

- Excellent stain and wear resistance
- Easy to clean
- Unlimited combinations of designs
- Hard wearing

13. Roll-on Coatings

Roll

-on, thin to thick floor coatings (from 100 microns to 300 microns) form a significant part in Cipy floor coatings' spectrum. These are the coatings to meet every demand of the industry, applied by roller or brush. Cipy employs various technologies like urethane, epoxy, epu, pud and wbe to formulate roll-on coatings.

- FK 111 : high abrasion resistant urethane coating
- FK 2000 : wear resistant PU clear coating
- Aquafloor : water borne PUD coating, 1K
- Toughfloor : water borne PU roll-on coating, 2K
- Cipoxy FC 100 : epoxy based thin coating
- Cipoxy FC 110 : epoxy based roll-on coating
- Cipoxy FC 300 : epoxy based, solvent-free coating
- Cipoxy AQF : waterborne epoxy coating
- Cipothane 50G/M : epu based roll-on coating
- Spartikote FC : polyaspartic thin coating

14. Heavy Duty, Screed Floors

Cipoxy HDF is a three component epoxy screed system which consists of a high strength epoxy resin, an amine curing agent and graded aggregates which,

when mixed together, forms a tough polymer matrix which can withstand heavy impact loads. Cipoxy HDF has a compressive strength of over 100 Newtons and is ideal for logistics and highly abused and trafficked areas.

Key features

- *Excellent compressive strength*
- *Higher filler loading*
- *Extremely wear resistant*
- *Anti-skid*

15.Spray Applied Polyurethanes

The development of solvent-free elastomeric urethane coating, Durathane 100 sparked innovation in the Indian coating industry in 90s. Durathane 100, a fast setting polyurethane lining, ASTM type V, is strictly applied by plural component Graco/WIWA machines, which finds extensive uses in thermal power cooling towers, pipe lines, water and waste water, amusement parks, buried tanks, mounded bullets etc

Cipy offers best Polyurethane Spray

Available in 1:1, 2:1 and 3:1 ratios

Spray Applied Polyurethanes Features:

- *100% solids, zero VOC.*
- *Fast reactive, pot life in seconds to few minutes.*
- *Fast application : applied by plural component airless spray*
- *Unlimited film build : 1mm, 2mm and above*
- *Exceptionally resistant to most chemicals*
- *Excellent physical and mechanical properties*
- *Non-toxic : approved for contact with potable water*
- *Monolithic, with extremely low permeability*
- *Low friction : improves fluid flow characteristics*
- *Fast return to service: can be put into service within minutes of application*

16.Polyurea Coatings to Resist Abrasion & Impact Damage

Cipy made a significant breakthrough in the coatings' segment in 2000s by synthesizing the first polyurea coating of the country: *Securea*

Securea, the most secured among coatings, sets and cures rapidly to form highly durable films exhibiting high degree of abrasion, tear strength and chemical resistance.

Cipy is one of the best Polyurea Coatings Suppliers in India

Securea finds extensive applications in areas such as pipeline coatings, water and waste water treatment linings, floor coatings, truck bed linings, secondary containment areas, waterproofing of roof tops and podiums, marine and offshore installations, water parks and car park decks.

Securea SC : Pure aromatic polyurea

Securea HC : Hybrid polyurea

Securea AC : Aliphatic polyurea

Securea BG : Brush grade polyurea

Key features

- Rapid fire setting
- Highest abrasion resistance
- Highest tear strength
- Excellent chemical resistance
- Excellent flexibility

17.Liquid Applied PU Membranes

Engaging unique moisture curing chemistries, Cipy has developed a series of single component liquid applied urethane membranes for waterproofing applications. Because of their higher elongation of over 600%, these membranes are extensively used to mitigate seepages and leakages in wet areas. Reinforced with materials like bitumen and tar, these products are the safe bets for stopping leakages in parking decks, concrete roofs, swimming pools, planters and all wet areas

We are best Waterproofing Membrane Manufacturer

Tarthane : Tar enriched urethane membrane

Cipthane 100B : Black coloured urethane membrane

Cipthane 100TF : Butuminous urethane membrane

Aluthane : Aluminium based membrane

18. Protective Coatings

Cipy, the pioneers of protective coatings and floor toppings in India, since 1976, offers a variety of chemical resistant coatings and linings based on a variety of polymers such as polyurethane, epoxy, mcu and polyurea for a variety of applications.

Cipy is leading Protective Coatings Company

Cipy, the pioneers of protective coatings and floor toppings in India since 1976, offers a variety of chemical resistant coatings and linings based on a diversity of polymers such as polyurethane, epoxy, mcu and polyurea for corrosion mitigation.

Protective Coatings Features:

- *Primers*
- *Sacrificial, inorganic zinc silicate*
- *Sacrificial, organic zinc rich*
- *Barrier primers*
- *Surface tolerant*
- *Epoxy types*
- *PU types*
- *EPU type*
- *Intermediate coats*
- *Epoxy based*
- *Top coats*
- *Epoxy*
- *PU*
- *EPU*
- *Novalac*

- Coal tar blended epoxy
- High performance coatings
- Ceramic epoxies
- Spray applied epoxy linings
- Water borne DTM coatings
- Siloxane coatings
- Glass flake coatings
- Heat resistant coatings
- Anti-fungal coatings

19. Moisture Curing Urethanes

The first to develop MCU in 1978, Cipy offers a variety of moisture curing urethanes for corrosion control: Urikote series of coatings, ranging from primers to topcoats. Urikote coatings are single component, quick drying and surface tolerant. These coatings react with atmospheric moisture to form polyurea linkages. They penetrate into pores and tight crevices of highly pitted metal substrates, where moisture is usually present to form strong chemical bonds.

Cipy offers best Moisture Cure Urethane

Rust-O-Thane : aluminium filled MCU coating

Urikote 77 : MCU red oxide primer

Urezinc : MCU zin rich primer

Urikote TCE : aliphatic MCU topcoat

Urikote TCI : aromatic MCU topcoat

Urikote MIO : MIO based MCU coating

Urikote FC : MCU based floor coating

Moisture Curing Urethanes Features

- Single component : no mixing errors, no pot life
- Excellent adhesion to compromised surfaces
- Minimal surface preparation
- Applicability even at high humidity

- *Highly resistant to chemicals*
- *Faster project completion:3 coat system can be returned to service within 12 hrs.*

20. Water Proof Coatings

Cipy's Terra water proof systems offer total solutions for seeping walls and roofs..

Our technologies such as polyurethanes, acrylics and poly-sulphides, with or without the aid of hydraulic binders, deliver complete zero seepage systems such as coatings, liquid applied membranes and sealants. Polyurethane resins (1K and 2K), epoxies, poly sulphides, pure acrylics, styrene acrylics, SBRs and polymer modified cementitious compounds are engaged to offer ultimate solutions for below and above grade water proofing applications.

Cipy offers best Water Proof Coatings Terra Water Proof Systems Features

Acrylic modified cementitious compounds

- *Hydrokrete*
- *Terrakrete*
- *Flexikrete*

PU based liquid applied membranes, 1 K

- *Tarthane 1K*
- *Cipthane 100 W*
- *Cipthane 100 B*
- *Tarthane 100 TF*

PU based liquid applied membranes, 2 K

- *Terraflex 100*
- *Terraflex NY*
- *Tarthane 2K*

Waterborne epoxy

- *Aquoxy 60*

21. Wood Coatings

Cipy was the first to introduce polyurethane based clear coatings in India in 1976 under the trade name of U-Coat, which was shelved at that time due to various constraints. After a few decades, U-Coat was re-launched along with other grades of wood coatings.

Cipy now offers a comprehensive range of wood coatings, waterborne to solvent borne, to cater to every market segment. These coatings are available in glossy, semi glossy and matt versions. They are exceptionally scratch resistant and more durable than the conventional clear lacquers and urethane alkyds.

They are exceptionally scratch resistant and more durable than the conventional clear lacquers and urethane oils.

Cipy offers best Polyurethane Wood Coating in India Wood Coatings Features

U Coat : 2C PU wood coating

Wudkote : 2C PU premium wood coating

Wudecor : 1C PU solvent borne wood coating

Aquawood : 1C PU water borne wood coatings

Tuffwood : 2C PU water borne wood coatings

Wudseal : 1C sanding sealer

Wudseal 2C : 2C sanding sealer

Aquadecor : 1C water borne external wood coating

Feather touch : Soft feel wood coating

Cipy Melamine : Acid curing wood coating

22. OEM Coatings

Cipy offers protective cum decorative finish paints for OE and refinishing sectors based on aliphatic and aromatic urethane chemistries. Cipy has a versatile range of products to suit to varied substrates like MS, aluminium, GI,

cast iron, FRP, ABS, polypropylenes and provides the full system consisting of primer, primer-surfacer, putty and top coats. Available in glossy, matt and semi glossy versions

Cipy offers best Automotive OEM Coatings in India

OEM Coatings Features

- *Fast curing*
- *Tough, yet flexible*
- *Scratch resistant : resistant to 5 Kgs load*
- *Oil and chemical resistant*
- *Chip resistant*
- *UV resistant*

23. Construction Chemicals

With the pioneering status in coatings in niche markets, Cipy has recently introduced entire range of construction chemicals to cater to varied industries. With the pioneering status in coatings in niche markets, Cipy has recently introduced entire range of construction chemicals to cater to varied industries.

Cipy is among top Construction Chemical Companies

Construction Chemicals Features

Ciplast : concrete admixtures

CipCure : concrete curing and release agents

Cipicrete : repair mortars

Cipbond : bonding agents

Cipogrout : non shrink grouts

Ciptop : dry shake hardeners

Floorhard S : liquid hardeners (sodium silicate)

Floorhard L : nano lithium silicate densifiers

Cipycem : cementitious self levelling underlays

Cipocem : ECC based underlays

24. Polysulphide Sealants For Similar & Dissimilar Medium

Cipy offers polyurethane and polysulphide sealants for construction industries and concrete pavements to seal between similar and dissimilar materials.

Cipy sealants are extensively used in concrete highways, airport runways and construction industries.

The main purpose of sealants is to prevent air, water and other environment pollutants entering or exiting a structure, while permitting limited movement of the substrates. Cipyseal, developed early nineties, is a sealant based on high quality liquid poly-sulphide polymer, available in gun grade and pour grade versions. Cipy seal is tested at IRMA (Indian Rubber Manufacturers Association) and certified to conform to BS 4254:1983 (gun grade) and BS 5212:1990 (Pour grade) The cured sealant is a soft rubber like seal, exhibiting excellent adhesion to most surfaces including concrete, glass, aluminium etc. With the use of appropriate primers

YES, I AM
INTERESTED!

Cipy is Leading Sealant Manufacturers

Polyurethanes

- Polyseal 21 : sealants for concrete pavements
- Polyseal 51 : high performance sealants, tar-free

Polysulphides

- Cipyseal 165 G : gun grade sealant
- Cipyseal 165 P : pour grade sealant

Features of Sealants :-

- Excellent bond strength
- Non-blushing in humid environment
- Excellent adhesion
- Excellent penetrating properties
- Medium curing, depending on Rh

- *Excellent bond to PU sealants*
- *Excellent bond to PU and Polysulphide sealants*

Applications of Sealants :-

- *Roof expansion joints*
- *Floor expansion joints*
- *Concrete roads*
- *Airport runways*
- *Bridges and highway joints*
- *Structural glazing*

25.Specialty Chemicals

With the unlimited product portfolio catering to unlimited application areas, Cipy has some specialty products for specialty applications.

Cipy is one of the best Specialty Chemicals Companies

Wall coatings

- *Waltouch: water borne acrylic*
- *Walkote: water borne PU*
- *Walkote 2K: water borne PUD cross linked with hydrophilic isocyanate*
- *Wallite: solvent borne PU*

PU adhesives

- *B95/B96/B97/B 98: Flocking adhesives*
- *1K PU adhesives: Ureglue, Ureglue 100, 200, 300*
- *Heat cured PU adhesive: Duraflock BL*

Epoxy grouts

- *Cipogrout 1000*
- *Cipogrout 200*
- *Cipogrout AF*

Repair mortars

- *Cipicrete*
- *Floorkrete*
- *Floorkrete EC*
- *Uremould 100: PU system for making negative moulds*
- *EPI colourant: Pigment concentrates for PU, epoxy and EPU*
- *Colour silica: Coloured silica aggregates*
- *Insulthane: Thermal insulating coatings*