



Dr.
cipy



Sustainable Flooring Solutions Guide





We create flooring solutions that are pleasing, enduring and green.

Why Dr. Cipy?

With its excellence in the industry for over 45 years, Dr. Cipy today is recognized as the leading manufacturer of specialist resin flooring products.

Dr. Cipy successfully manufactures seamless terrazzo, antimicrobial Polyurethane flooring, decorative resin flooring, self-levelling floor screeds, corrosion protection systems, static dissipative flooring, artistic flooring finishes and waterproof car park deck coatings which cater specifically to the Indian climate. With the support of our state of the art manufacturing plants, which are strategically placed to provide consistent high standards of product and service across the country. We ensure our clients'

satisfaction from the best in modern technology with our strong focus on research and development and the consistent innovation of new and improved products. Our continuous commitment to be environmentally conscious and introduce greener flooring products is in conjunction with our company policy of environmental care and protection. IGBC certification is the endorsement of our environment consciousness. Dr. Cipy is a Pidilite Group product brand, offering a truly quality service to customers.



Seamless



Hybrid



Array of Shades



Robust



High Flexural Strength



Self-Levelling



Roll-on Grade



Abrasion Resistant

Dr. Cipy floorings unlimited give you unlimited options to choose the right system from an unlimited range of polymers.

- Thermal shock resistant PU-Concrete
- Tough epoxy
- Hard wearing 1K MCU
- Resilient EPU
- Rapid curing polyaspartics
- Wear resistant aromatic PU
- Waterborne epoxy and PUD
- UV resistant aliphatic PU

Floor Selection Chart

PRODUCT NAME	TYPE OF PRODUCT	Ware House	Light Engineering Unit	Heavy Engineering Unit	Pharmaceutical Clean Room	Steam Cleaning Area	Pharmaceutical Ware House	Food & Beverage Production / Packaging Area	Raw Material Storage	Commercial Building	Cold Storage Chiller room	Cold Storage Ante Room	Pedestal Movement Area	Automobile Assembly Unit	Hospital OT	Hospital Reception	Solvent Handling Area	Ammunition Storage/ Electronics Industry	Aircraft Hanger	Car Park Interim Slab	Car Park Exterior Roof	Food Grade Floor	Antimicrobial Floor	Wall Coating	
		Cipoxy SL1000	Epoxy self-smoothing topcoat for 1mm thickness		✓	✓	✓		✓							✓	✓				✓			✓	
Cipoxy SL2000	Epoxy self-smoothing topcoat for 2mm thickness			✓	✓									✓											
Cipoxy FC100	Epoxy roll-on colour coating of 100 to 150 micron thick												✓												
Cipoxy FC1000	Epoxy roll-on coating for 250 to 500 micron thickness												✓												
Cipothane SL (EPU)	EPU 1mm self-levelling top coating			✓	✓		✓			✓				✓		✓			✓			✓			
Cipothane 50G	EPU roll-on coating of 150 to 200 micron thickness with glossy finish	✓	✓					✓					✓							✓					
Cipothane 50M	EPU roll-on coating of 150 to 200 micron thick with Matt finish.	✓	✓					✓					✓							✓					
Floorkote SL 1000	Polyurethane self-smoothing colour top coat of 1mm thickness			✓			✓							✓											
Floorkote 300	Polyurethane roll on coating for 300 to 500 micron thickness		✓				✓							✓						✓					
FK111-G	PU roll-on top coat for 150 micron thickness with gloss finish	✓											✓												
FK111-M	PU roll-on top coating for 150-micron thickness with matt finish	✓											✓												
FK333-aliphatic	PU roll-on top coating for 150-micron thickness for exterior application, UV resistance.												✓												

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		Duracrete-4mm	PU water base cementitious self-smoothing coloured topping	✓		✓	✓	✓	✓	✓				✓							✓			✓	
Duracrete-6mm	PU water base cementitious self-smoothing colour topping					✓						✓											✓		
Duracrete-HD-6mm	PU water base cementitious trowel applied colour top coating with textured finish					✓					✓												✓		
Duracrete HD-9mm	PU water base cementitious trowel applied colour top coating with textured finish											✓											✓		
Duracrete ESD 2000	PU water base cementitious self-smoothing colour top coating of 2mm thickness with ESD properties														✓			✓	✓						✓
Aquoxy 50	Water borne epoxy primer for concrete damp substrate							✓			✓	✓											✓	✓	
Aquoxy 60	Water borne epoxy primer for concrete substrate							✓			✓	✓											✓	✓	
Deckflor EP	Epoxy Car park coating system																			✓					
Deckflor IDR	Car park systems for MLCP's all intermediate decks																			✓					
Deckflor PU	Polyurethane car park coating system																			✓					



Dr. Cipy's Epoxy range for versatile Industries

Most preferred by customers and most referred by architects, consultants and contractors.

Epoxy: Cipoxy range

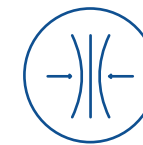
The name Cipoxy is synonymous with epoxy floorings. The industry's work horse floorings, Cipoxies are extremely glossy, tough and available in self-levelling and roll-coating versions. Well accepted in pharma, auto and engineering industries.



Robust



Glossy



High Compressive Strength



Chemical Resistant



Green



Antimicrobial Certified



Greenpro

CIPOXY BRANDS

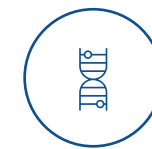
Brand	Primer/screed/topcoat	End use
Cipoxy 17	Primer and screed	Solvent-free primer and screed
Cipoxy 15	Primer and screed	Solvent-free primer and screed
Cipoxy 16	Primer	Primer for slightly damp surfaces and for PU topcoats
Cipoxy 11	Primer	Solvent primer
Cipoxy 90	Screed	Screed with FAG 200,300 &1000 silica sands
Cipoxy 92	Clear screed	Screed with FAG 200,300 &1000 silica sands
Cipoxy SL1000	Topcoat	1mm self-levelling
Cipoxy SL 2000	Topcoat	2mm self levelling
Floortop 1000	Topcoat	1mm self levelling
Floortop 2000	Topcoat	2mm self levelling
Cipoxy FC 100	Topcoat	Roller coat for 150-250 microns
Cipoxy FC 300	Topcoat	Roller coat for 300-500 microns
Cipoxy FC 1000	Topcoat	Roller coat for 500-700 microns



Dr. Cipy's unique chemistry of Epoxy polymer with Urethane linkage

EPU: Cipothane range

Over the last two decades, Dr. Cipy has pioneered the art of hybrid polymer chemistry by bringing EPU (epoxy-urethane) technology for the first time in India. Similar to epoxy in aesthetics and self levelling properties, Cipothane contains a few percentage of urethane linkages in the epoxy polymer matrix to enhance the flexibility of the rigid epoxies. Flexi-rigid Cipothane range is ideally suitable for auto, auto-ancillaries, light and heavy engineering industries.



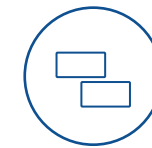
Hybrid



Resilient



Self-Levelling



Abrasion Resistant



Impact Resistant



Green

CIPOTHANE BRANDS

Brand	Thickness	Self-levelling	Roller coating
Cipothane SL 1000	1mm	✓	✗
Cipothane SL 1000 AM	1mm	✓	✗
Cipothane SL 2000	2mm	✓	✗
Cipothane SL	1mm	✓	✗
Cipothane 50G(glossy)	100 microns	✗	✓
Cipothane 50M(matt)	75 microns	✗	✓



PU: Floorkote range

Four decades ago, Dr. Cipy synthesized the first polyurethane coating in India in 1976. Since then, Dr. Cipy had been researching in urethane chemistries to formulate country's best floor coatings. Fast setting Floorkote systems offer the highest wear resistance among the available systems, which are widely accepted in auto and engineering industries.



Quick Drying



Wear Resistant



Chemical Resistant



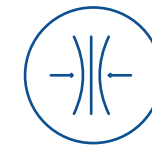
Green



High Flexural Strength



Impact Resistant



High Compressive Strength

FLOORKOTE BRANDS














Brand	Thickness	Self-levelling	Roller coating	Aliphatic/aromatic
Floorkote SL 1000	1000 Microns	✓	✗	Aromatic
Floorkote 300	300-600 Microns	✗	✓	Aromatic
FK 111 G (glossy)	100 Microns	✗	✓	Aromatic
FK 111 M (matt)	100 Microns	✗	✓	Aromatic
FK 333	100 Microns	✗	✓	Aliphatic



Robust Polyurethane-cement combination chemistry for extreme exposure.

PU-Concrete: Duracrete range

Dr. Cipy, who mastered the art of hybrid chemistry in the country, developed the country's first PU-Concrete flooring where the cement and urethane are fused to formulate a highly cross linked resinous system that combat the vagaries of F&B industrial floors. Duracrete floorings are highly resistant to thermal shocks and find applications in F&B, pharma, engineering, commercial kitchens, and meat processing plants.

 Hygiene	 Thermal Shock Resistant	 Green	 Chemical Resistant	 Odourless
 Slip Resistant	 Quick Drying	 Robust	 Abrasion Resistant	 Food Grade
 Impact Resistant	 Antimicrobial Certified	 HACCP Certified		

DURACRETE BRANDS

Brand	Thickness	Smooth/texture	Resistance to temperature
Duracrete MD	4mm-6mm	Smooth	-15°C to + 80°C
Duracrete MD AM	4mm-6mm	Smooth	-15°C to + 80°C
Duracrete HD 6mm	6 mm	Light texture	-20°C to + 90°C
Duracrete HD AM 6mm	6mm	Light texture	-20°C to + 90°C
Duracrete HD 9mm	9 mm	Heavy texture	-40°C to + 120°C
Duracrete HD AM 9mm	9 mm	Heavy texture	-40°C to + 120°C
Duracrete ESD 2000	2 mm	Smooth	-5°C to + 70°C



MCU: Urikote range

Dr. Cipy, the architects of floortoppings, mastered the technology of moisture curing urethanes to formulate high wear resistant clear coatings over epoxy floorings. Urikotes are single component floor coatings which are cured with atmospheric moisture to form polyurea linkages.



Wear Resistant



UV Resistant



Roll-on Grade



Chemical Resistant



Scratch Resistant

URIKOTE BRANDS

Brand	Aliphatic	Aromatic
Urikote MIO Mastic	×	✓
Urikote AL	✓	×

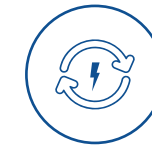


Waterborne, breathable systems: Aqua range

Embraced with green chemistry, Dr. Cipy has ventured into eco-friendly floorings based on waterborne epoxies and PUDs. Aqua floorings do not emit solvent vapours and are breathable and recommended for floors which are subjected to hydrostatic pressure and osmotic blistering.



Hygiene



Thermal Shock Resistant



Green



Osmosis Resistant



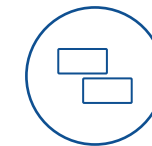
Odourless



Slip Resistant



Robust



Abrasion Resistant

AQUA BRANDS

Brand	Technology	Self levelling	Roller coating
Aquoxy 50	Epoxy	×	✓
Aquoxy 60	Epoxy	×	✓



Car park coatings: DeckFloors

Dr. Cipy, the architects and pioneers of floor coatings in India offers the most comprehensive line of multi-polymer deck coatings employing a multitude of technologies such as Epoxy, PU, MCU and polyaspartics. DeckFloors protect and decorate car parkings from dirt, dust, oils and traffic and are anti-slip and easier to clean. DeckFloors, with a variety of shades, provide a welcoming environment for visitors.



Anti-Skid



Crack Bridging



Quick Drying



Robust



Waterproof

DECKFLOOR RANGE

DeckFloor system	Technology
DeckFloor EP	Epoxy Based system for bottom most slab
DeckFloor IDR	PU based extra tough coating for Ramp and Turning
DeckFloor PU	Aromatic 2K PU
DeckFloor EXT	Aliphatic 2K PU for exposed slab



Cipy ESD floorings

Formulated with conductive grade antistats, Dr. Cipy ESD flooring systems create an electro-static dissipative surface on the floors and are available in conductive and static dissipative versions. Dr. Cipy offers ESD floorings in Epoxy, PU, PU-Concrete and Aqua ranges. ESD floorings find uses in ammunition plants, IT, electronics, clean rooms, hangars to name a few.



ESD



Seamless



Durable

ESD RANGE

Brand	Static dissipative/ conductive	Technology	Thickness	Surface resistivity in conductive ohms
Statguard ESD 104	Conductive	Epoxy	2-3 mm	$2.5 \times 10^4 - 1 \times 10^6$
Statguard ESD 108	Static dissipative	Epoxy	2-3 mm	$1 \times 10^6 - 1 \times 10^9$
Floorkote ESD 104	Conductive	PU	2-3 mm	$2.5 \times 10^4 - 1 \times 10^6$
Floorkote ESD 108	Static dissipative	PU	2-3 mm	$1 \times 10^6 - 1 \times 10^9$
Statguard FF1000 108	Conductive Fiberfree Nanocarbon Technology	Epoxy	1 mm	$1 \times 10^6 - 1 \times 10^9$



Polyaspartic floorings: One day floorings

The world's latest offerings, Polyaspartic floorings are aliphatic polyureas which set rapidly with quick return to service. Polyaspartic floorings can be installed within hours and returned to the facility owner on the same day. Available in clear and pigmented versions.

SPARTIKOTE BRANDS

Brand	Self levelling	Roller grade
Spartikote SL	✓	✗
Spartikote FC	✗	✓
Spartikote CG	✗	✓



Chemical resistant floorings (Novolac Based Coating)

Cipoxy EPN 100

Though Dr. Cipy floorings are generally chemical resistant, Dr. Cipy has developed exclusive floorings based on Novalacepoxy chemistry which are highly resistant to strong acids, alkalies and many chemicals.

EPN grades

- Cipoxy EPN 100
- Cipoxy CR 90



Decorative floorings: CERRAZZO, Epoxy Terrazzo Flooring

Dr. Cipy has very recently ventured into decorative flooring segment where beauty meets the strength of Dr. Cipy polymers. The coloured quartz mix, chip blends are aesthetically blended with epoxy resins to create lustrous finishes that are durable as well as attractive. Epoxy Terrazzo floors are mostly used in Shopping Malls, Airport, Hotel Lobby, Hospital Reception, Convention Centre, Cafeteria, Gym.

CERRAZZO
DecoFloor 2000



Wall Coatings

Dr. Cipy has introduced PU based wall coating system for hygiene areas like pharmaceuticals, food and beverage, hospitals and critical hygiene areas.

Brand	Technology	End Use
Wallkote	PUD based (Single Component)	Single component hygienic wall coating for F&B, Pharmaceuticals etc.
Wallkote 2K-AM	PUD based (Two Component)	Two component hygienic Antimicrobial wall coating for F&B, Pharmaceuticals, hospital and many other hygienic areas.

Floor hardeners and Polished floors: FloorHard & DensiPolish

FloorHard is a selective blend of soluble reactive silicates (SRS) which penetrate and react with free lime of the concrete to form insoluble crystals that close the porosities of concrete, harden and strengthen. FloorHard L is lithium silicate hardener where as FloorHard S is based on sodium silicate. Once Densification is done with Floorhard, the concrete can be further polished with processes like grinding and then, 3 stage, 5 stage or 7 stage-polishing in order to wear a granite look with excellent sheen. That's DensiPolished floors!

Floor Hard L - Lithium silicate based Densifier

FloorHard S - Sodium Silicate based Densifier

Cipy Clear floorings

In order to enhance the aesthetics and wear resistance, clear floor coatings are applied over pigmented epoxy floorings as well as DecoFloors. Dr. Cipy recommends multiple grades of clear floorings from self-levelling to roller grade.

CLEAR GRADES

Brand	Technology	Self levelling	Roller coating
Urikote 555	MCU	✗	✓
FK 2000	PU	✗	✓
Spartikote CG	Polyaspartic	✗	✓
Cipoxy CG	Epoxy	✓	✗

Underlays & repair mortars

Dr. Cipy offers cementitious, epoxy and ECC based underlays which are screeded to level the damaged and uneven floors so that resinous overlays are laid at the minimal thickness. Dr. Cipy also offers a variety of quick setting repair mortars for repairing cracks and patches.

Brand	Type	Underlay/repair mortar	Thickness
Cipocem 3K	Epoxy Cement Based Underlay	Underlay	2-5 mm
Cipicrete HS	High Strength Epoxy Mortar	Repair mortar	2-5 mm
DuraFill	PU	Repair mortar	5-15 mm

Mortars & screeds

Dr. Cipy offers Epoxy, EPU and PU based mortars and screeds for levelling of concrete floors in order to enhance system thickness as well as to take care of floor undulations.

Brand	Technology	Enduse
Cipoxy 32	Epoxy	Cost effective screed for coverings
Cipoxy 90	Epoxy	Low viscous, more filler loading
Cipoxy 92	Epoxy	Clear screed that can be pigmented
Floor Flex	PU-Aromatic	PU based Elastomeric Screed

**Specialized
floor coatings for**

Automobiles

Auto Components

White Goods

Pharma

Car Parks

Hospitals and Healthcare

Airports

Engineering

Chemicals & Fertilizers

Defense



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