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PETROCOAT SPECIALITY CHEMICALS PVT. LTD.

Solutions for construction problems

ABOUT US

- A leading technical solutions provider
- An ISO 9000 / ISO 45000 certified group
- A one-stop resource for practical and creative Industrial Construction and concrete rehabilitation solutions.
- Uniquely comprised of a team of professionals with significant experience and in-depth knowledge.
- Sales and technical services operations in UAE, Africa and India. (Soon to be in Far east Asia).

GROUP COMPANIES

INDIA

- **PETROCOAT SPECIALITY CHEMICALS (India) PRIVATE LIMITED**
Manufacturers and Applicators of Construction Chemicals

ABROAD

- **PETROCOAT CONSTRUCTION CHEMICALS TRADING LLC**
Distributors for world's best Construction Chemicals
- **OPERATING THROUGH DISTRIBUTORS IN NIGERIA, GHANA AND KENYA.**

OUR SOLUTIONS & SERVICES



Consultancy

- Solutions for Construction Problems



Trading

- Construction Chemicals



Installations

- Supply & Apply of Protective Coatings

WE CAN OFFER

- Industrial Flooring and protective coatings
- Antimicrobial floors for hospitals and clean rooms
- Concrete Repair & Rehabilitation, structural strengthening
- Industrial & Injection Grouting
- Waterproofing & Sealing
- Fire proofing of steel and concrete
- Designer floors
- Sports flooring
- Acoustical flooring
- ONE STOP SOLUTION TO ALL YOUR CONSTRUCTION NEEDS

INDUSTRIAL FLOOR



Epoxy
Flooring



PU Flooring



Heavy Duty –
High Impact
resistance
Flooring



Chemical
Resistant
Flooring



ESD Flooring



COMMERCIAL FLOORING



Sports
Flooring



Antiskid /
Smooth PU
Flooring



Acoustic
Flooring



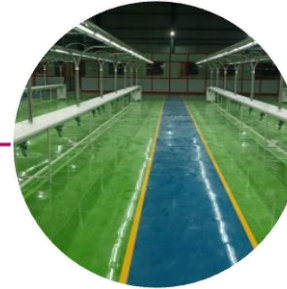
Epoxy
Coving



Floor
Densification



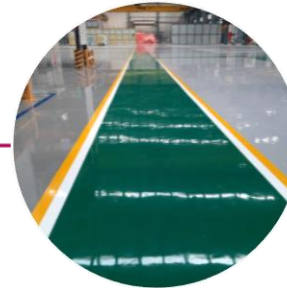
EPOXY FLOORING



Epoxy floor coatings are widely used for commercial and industrial flooring. To provide a high-performance, smooth, and durable surface that can last several years and withstand heavy loads, epoxy coatings are typically applied over concrete floors.



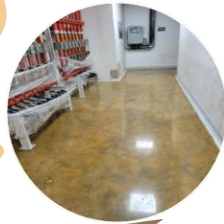
Most factory facilities, factories as well as commercial buildings depend on epoxy flooring to ensure strong and hygienic environments for staff, machinery, and inventories.



To maintain safe and secure conditions for staff, machinery, and inventory, many manufacturing sites, warehouses, and commercial buildings rely on epoxy floors.

EPOXY FLOORING

Scratch Coat Using
Cemetop 1130 SC
(3 Component) -
Available at 0.5 to 3mm
thickness



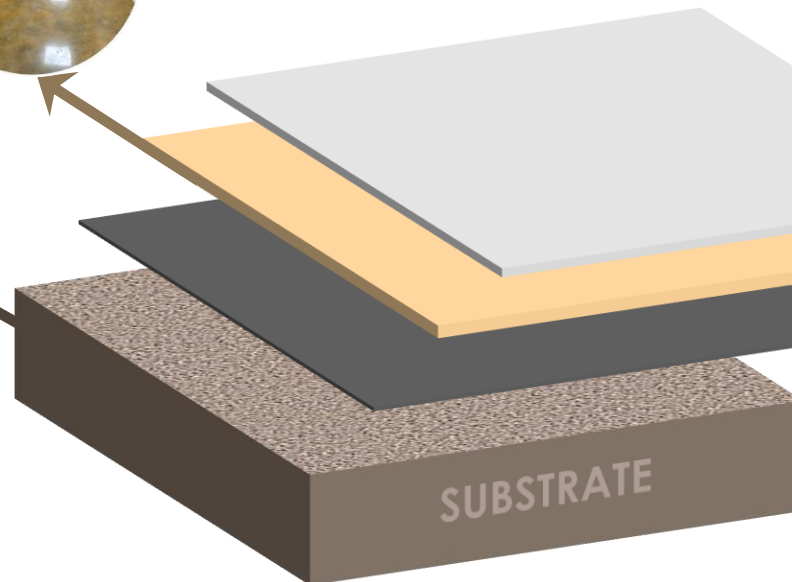
Top Coat Using
Cemetop 1120 SL
(4 Component) -
Available at 1mm
to 2mm Thickness



Floor should be
well grinded and anchor
grooves should
be available



Primer Coat Using
Cemetop 1110
(2 Components) -
Consumption based
on substrate
condition



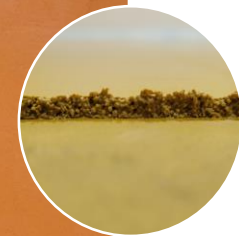
PU FLOORING



PU or polyurethane is the coating material that has been developed as an alternative for heavy industries usage and has ever since become quite a common flooring material. Its exceptional properties are because it is more flexible than Epoxy.



PU flooring is known to have high resistance to natural chemicals, lactic acids, for instance. This property is what makes PU flooring the best option in the food processing industry because it food grade flooring.



PU flooring is highly recommended for industrial usage and is especially suitable for chemical and food industries, commercial laboratories, medicine and public service flooring.



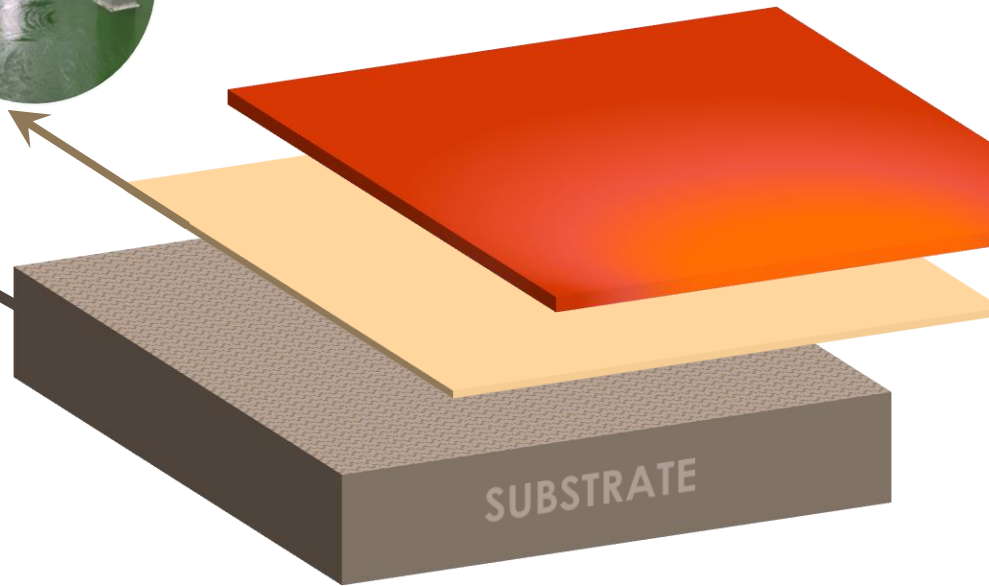
Our PU based self levelling for floors are easy to use and protect the base substrate from heavy foot traffic.

PU FLOORING

Scratch Coat
(4 Component) - Available
at min 1mm thickness



Floor should be Scarifier
at both direction and
anchor grooves (2 times
the thickness of flooring)
should be available



Top Coat
(4 Component) –
Available at minimum
2mm upto 12mm
Thickness

HEAVY DUTY – HIGH IMPACT RESISTANCE FLOORING

High-impact floors are durable and stand up to impact from other materials, whether they are dropped tools on manufacturing floors, scalpels on an operating room floor, or the unremitting tap from high heels. These types of impact will typically indent and gouge a floor or shorten its lifespan. High-impact floors better withstand such conditions.



Avoiding holes, gouges, and indentations in the floor

Keeping floors attractive, especially when they are in view of clients

Saving money and time on the replacement of flooring areas or the entire floor



It's a screed system, available in 4mm to 8mm system.

Suit for heavy vehicle movement and high impact resistance.

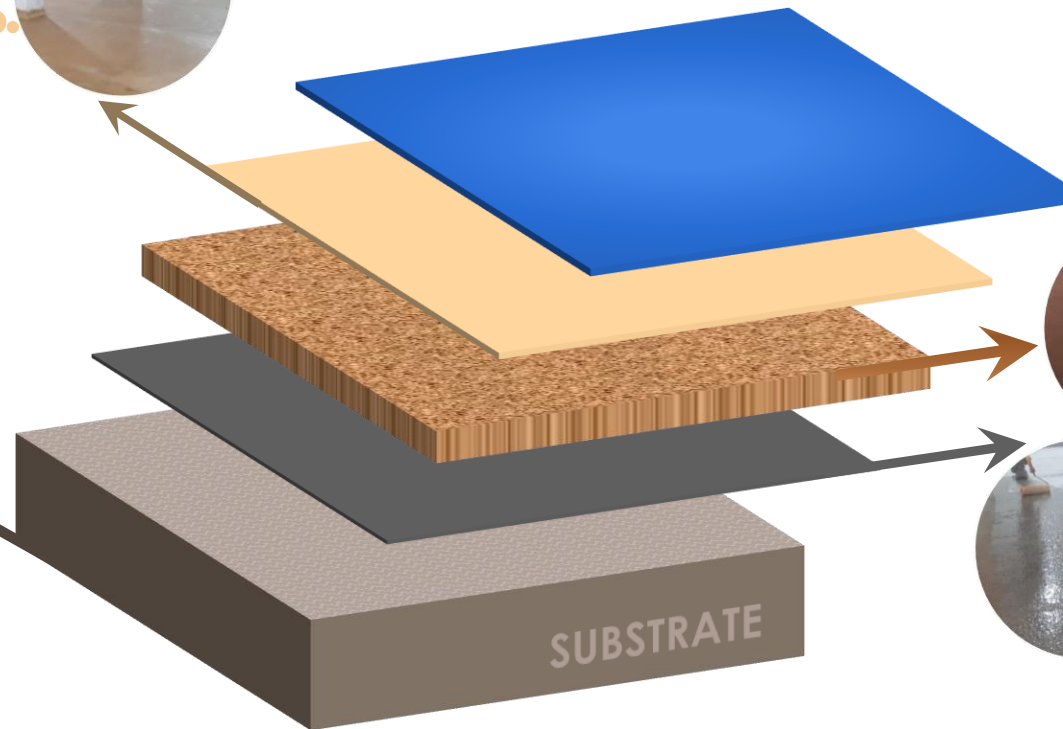
Good in taking loads.

HEAVY DUTY – HIGH IMPACT RESISTANCE FLOORING

Scratch Coat
(4 Component) -
Available from 0.5
thickness



Floor should be Scarifier
at both direction (if
required) and anchor
grooves(2 times the
thickness of floorin)
should be available



Top Coat Using
Cemetop 1120
(4 Component) –
Available at minimum
1mm upto 2mm
Thickness





Heavy Duty Screed
Using Cemetop 3120
Screed
(3 Component) –
Available at minimum
5mm upto 12mm
Thickness




Primer Coat Using
Cemetop 1110
(2 Components) –
Consumption based on
substrate condition




ESD FLOORING



ESD floors are floor coverings designed to control the electrical resistance of the floor. This will prevent electrostatic discharge (ESD) events and they are also suitable for protecting hardware against ESD.

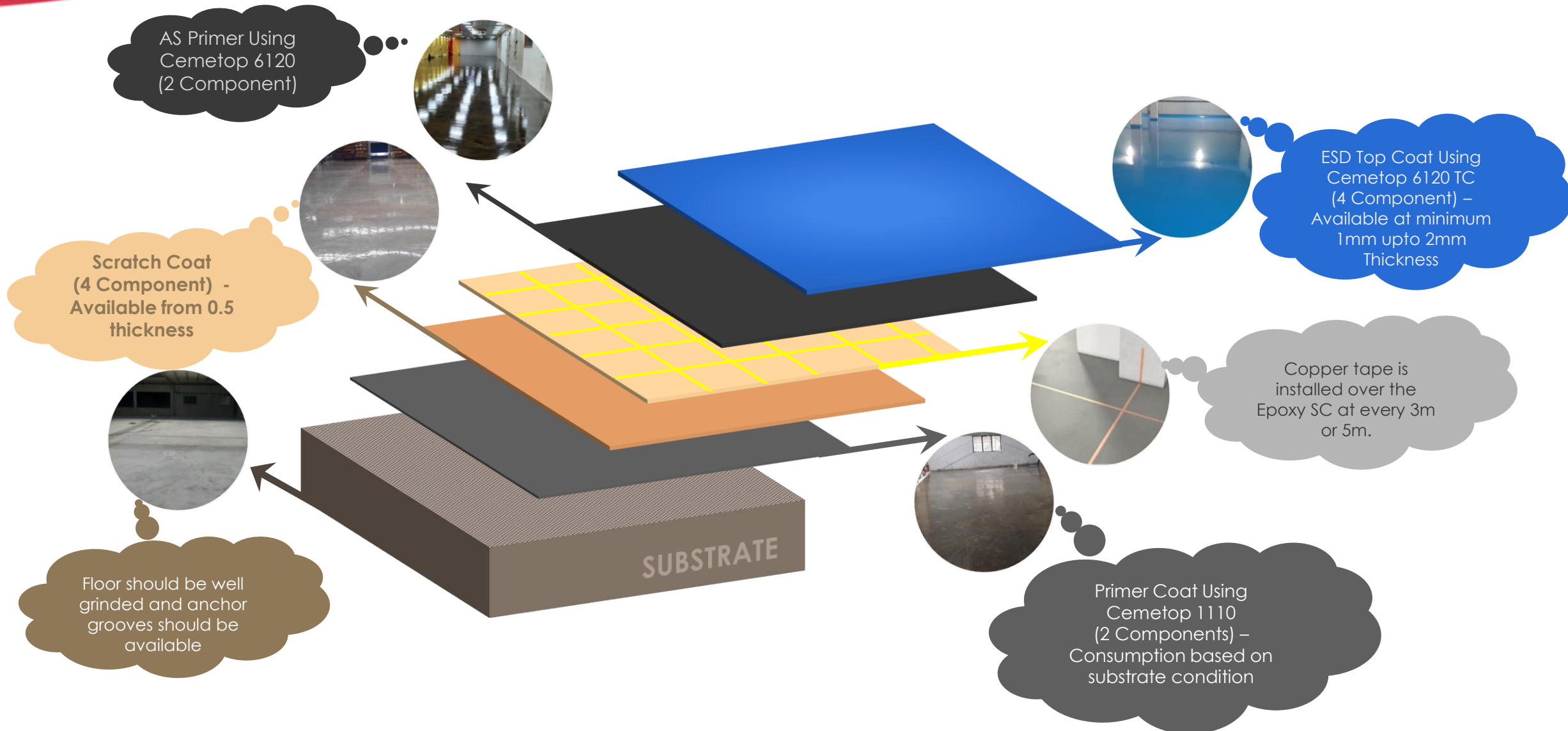


Flooring materials measuring greater than 1.0×10^6 and less than or equal to 1.0×10^9 are considered static-dissipative.



WHY ESD ? In industries where electronic components or volatile chemicals are produced, static electricity can cause significant damage, injury, and financial loss – to overcome those loss we required ESD Flooring.

ESD FLOORING



PU ANTISKID/SMOOTH FLOORING



PU flooring is well known for its long lifespan, excellent abrasion and impact resistance, its ability to be decorative and UV stable.



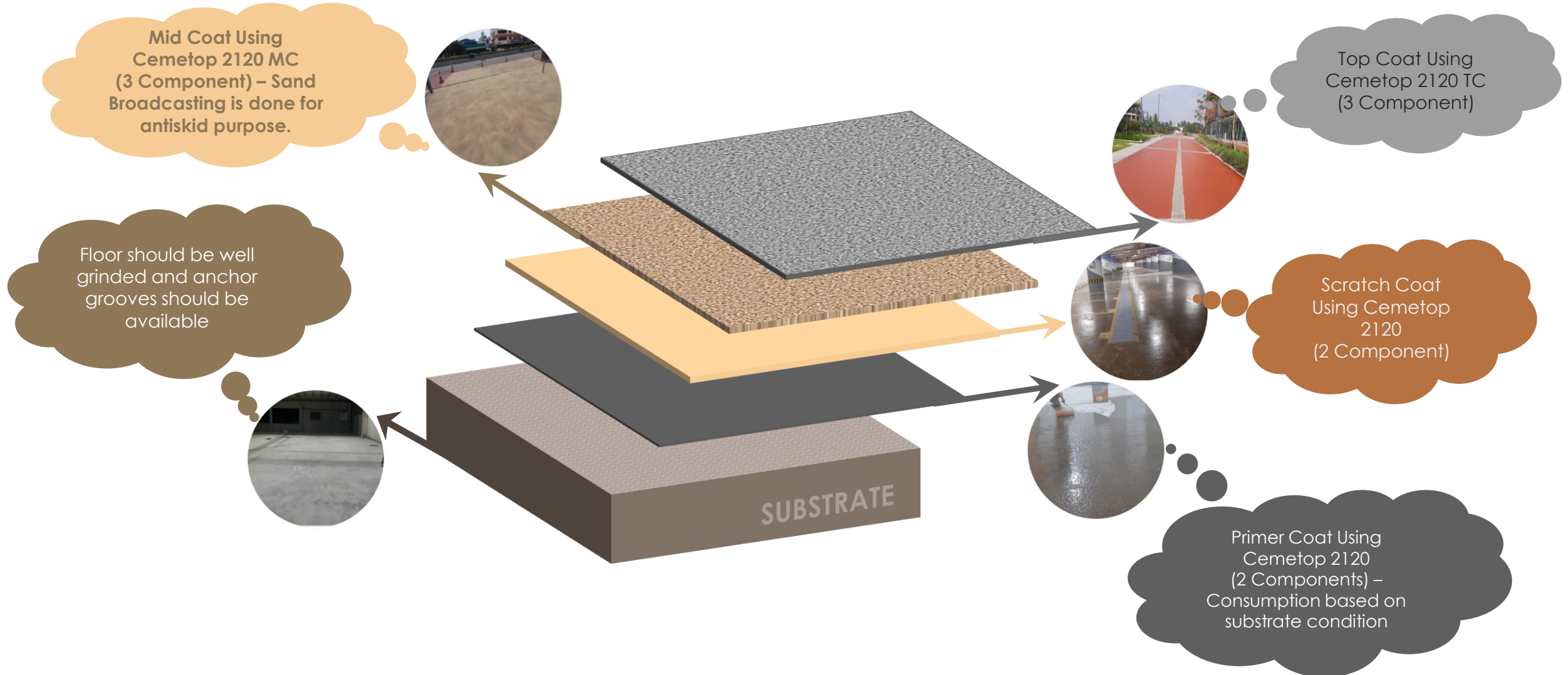
Slip resistance, which makes driveway safer.



Textured/anti-slip profiles are available that can reduce unpleasant noise from tyre squeal and provide a safer environment for pedestrians, enhancing traction underfoot to reduce the risk of slips or falls.



PU ANTISKID/SMOOTH FLOORING



PRODUCTS BY PETROCOAT

Some of flooring systems by our own products.

- Epoxy Floor.
- PU Floor.
- ESD Floor.
- Heavy Duty epoxy screed floor
- Sports flooring
- Car park deck flooring
- Clean room coatings

MAJOR PROJECTS - OVERSEAS

- Al Shatha towers carpark Dubai - 4,00,000 sq.ft
- LnT Marinascares Carpark, Dubai - 1,25,000 sq.ft
- Emaar- Dubai Marina Car park - 2,50,000 sq.ft
- Dubai Airport baggage area - 3,00,000 sq.ft
- Bhojaraj industries, Nigeria - 75,000 sq.ft
- Various food industries, Nigeria - 2,60,000 sq.ft

MAJOR CLIENTS - INDIA



MAJOR PROJECTS - INDIA

- | | |
|--|------------------------------------|
| • Trichy Railway station platform - 35,000 Sq.ft | • Power soaps - 25,000 Sq.ft |
| • Brigade, WTC Chennai - 6,00,000 Sq.ft | • Orchid pharma - 20,000 Sq.ft |
| • Flowlink systems, TamilNadu- 55,000 Sq.ft | • BASF Catalysts - 30,000 Sq.ft |
| • DLF car parkproject - 75,000 Sq.ft | • Visteon systems - 40,000 Sq.ft |
| • Lion dates, TN - 1,00,000 Sq.ft | • Adani data centre - 45,000 Sq.ft |
| • Siemens Gamesa - 48,000 Sq.ft | • Flex / ASV* - 60,000 Sq.ft |
| • Hanon System - 40,000 Sq.ft | • Royal Enfield - 50,000 Sq.ft |
| • Pentagon - 45,000 Sq.ft | • ITC- Various - 1,50,000 Sq.ft |



PETROCOAT PRODUCT SELECTOR

EPOXY


POLYURETHANE

Floor system	1125 Topcoat	1120 SL	1120FG	3110 C screed	3120 screed	2120	2250	6110/6120	1120 AM	1120 CP	4120	4120 CP	4332
Industry / location	Thin film topcoat	Self levelling Epoxy	Food Grade Epoxy	Epoxy colored screed	High impact screed	Chemical resistant thick film	Chemical resistant thin film	Anti static system	Anti microbial system	Car park system	Semi levelling PU for industries	PU car park floors	Two pack thin film PU
Light industries	✓	✓							✓		✓		
Medium industries	✓	✓			✓						✓		
Heavy industries	✓	✓			✓						✓		
Pharma	✓	✓		✓			✓	✓			✓		
Electrical / Electronic	✓	✓						✓					
Food	✓	✓	✓		✓	✓			✓		✓		
Hospitals	✓	✓	✓	✓				✓	✓	✓	✓		
Hotels	✓	✓		✓						✓	✓		
Airports	✓	✓			✓					✓		✓	✓
Large commercial space	✓	✓		✓					✓	✓		✓	✓
Textile units	✓	✓			✓						✓		✓
Packaging manufacturers	✓	✓			✓			✓			✓		✓
Fertilizer manufacturing	✓	✓			✓	✓	✓				✓		✓
Matches / Fire crackers	✓	✓			✓	✓	✓	✓			✓		
Sugar / Distilleries	✓	✓	✓		✓	✓	✓		✓		✓		✓

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THANK YOU

