



 SMARTCARE

 asianpaints

# FLOOR COATING SYSTEM SOLUTIONS

# ABOUT ASIAN PAINTS

Asian Paints is India's largest paint company and Asia's third largest paint company, with a turnover of Rs. 202.1 billion. The group has an enviable reputation in the corporate world for professionalism, fast track growth, and building shareholder equity.

Asian Paints operates in 15 countries and has 26 paint manufacturing facilities in the world servicing consumers in over 60 countries. Besides Asian Paints, the group operates in five regions across the world viz. Asia, Middle East, South Pacific, Africa and the Caribbean through the five corporate brands viz. Asian Paints, SCIB Paints, Apco Coatings, Taubmans and Kadisco.

It is a top Ranked Indian company in the "Forbes Most Innovative company List" in 2017 (Ranked 8<sup>th</sup> in the world).

Asian Paints was included in Forbes Asia's 'Fab 50' list of companies in Asia Pacific in 2011, 2012, 2013 and 2014. Forbes Global magazine USA ranked Asian Paints among the '200 Best Small Companies in the World' for 2002 & 2003 and presented the 'Best under a Billion' award, to the company. Asian Paints is the only paint company in the world to receive this recognition. Forbes has also ranked Asian Paints among the 'Best under a Billion companies in Asia' in 2005, 2006 and 2007.

## STATE-OF-THE-ART RESEARCH & TECHNOLOGY FACILITY

At Asian Paints, Research & Development has played a significant role in the growth of the organization and the company has continuously invested in R&D. The entire decorative coatings portfolio for the Indian market and for overseas ventures has been developed in-house. This division is based out of our state-of-the-art facility at Turbhe in Navi Mumbai where over 200 qualified scientists come together to share their insights on technological developments

to help us develop excellent coatings year after year. Our state-of-the-art microbiology laboratory, modern instrumentation laboratory and resin and functional polymer development laboratory are areas of continuous investment and augmentation.

Our technologists not only develop new products and improve upon existing formulations, but also act as a pillar of support to other functions. It supports manufacturing function in process cycle

time reduction & improves productivity by alternate/break through processes. It provides solutions to environmental issues by minimizing waste at the time of generation and also in recycling; and also support our materials function by providing new raw materials as alternate to current ones to give them negotiating power and also alternate vendors for supply chain flexibility.

## WATERPROOFING TEAM

Asian Paints today has a team of over 20 qualified scientists and doctors dedicated to waterproofing and construction chemicals with separate development, testing and application laboratory. The team has successfully developed a range of over 50 waterproofing products and systems. The team undertakes challenging projects and assignments in its endeavor for innovation towards contributing to durable and long-lasting solutions. All our products are benchmarked to international specifications and meet stringent standards. The team also provides regular technical guidance on real time execution on-site and consultancy for live problem solving.

## SMARTCARE SMARTCARE BRAND

Asian Paints SmartCare is the umbrella brand of waterproofing products in Asian Paints. It is the fastest growing waterproofing brand with more than 75 products in its portfolio. Some of these products are developed in-house while others have been developed by international and national collaborations. Now we have decided to get into the flooring space as a natural extension to our waterproofing portfolio within the SmartCare range.

The brand follows space-based solution approach for providing consultancy on selection of appropriate flooring solutions for the selected spaces. These solutions are determined basis defined critical parameters and site requirements. Grading of solutions is also done on the basis of budget and performance life expectancy. Portfolio collaborates with the waterproofing services brand - SMARTASSURE to provide professional execution services and enables assured waterproofing solutions under expert guidance.

## SMARTCARE BRAND PROMISE

SmartCare stands for providing “Assured Solutions” to the end consumers, helping them protect the décor of their homes.



**Innovative Products -**  
Introduced Polyurea & concept of Warranty



**Timely & accurate information to all Stakeholders - Helpline**



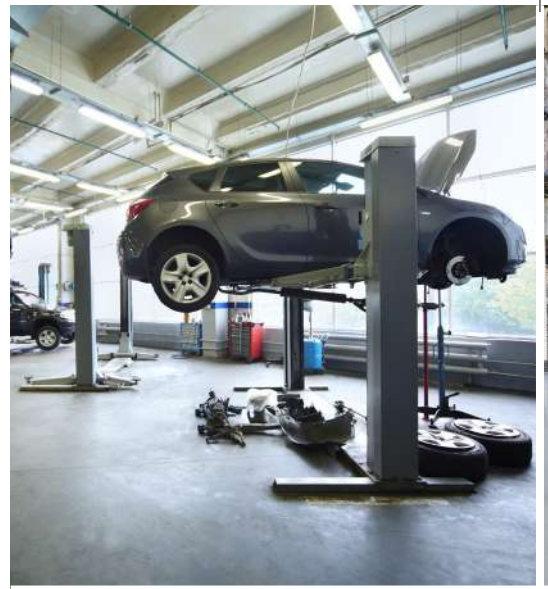
**Robust execution -**  
Extensively trained contractors & APEHS

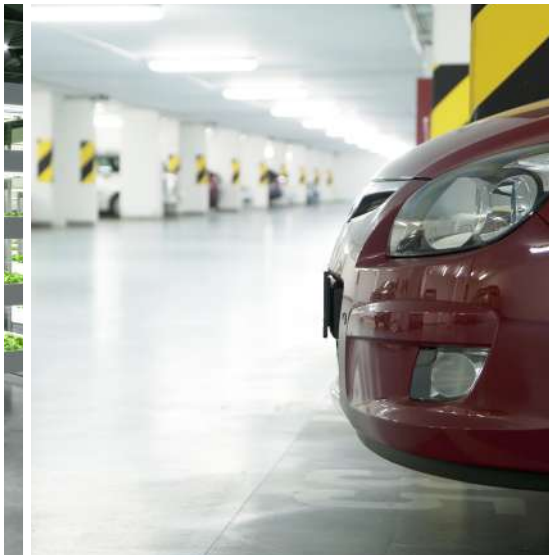
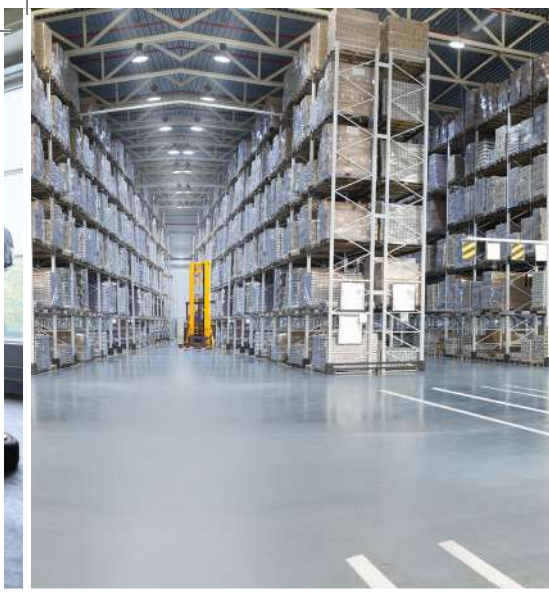
# FLOOR COATING SYSTEM SOLUTIONS

It is important to keep in mind that no other surface takes more abuse than factory, plant or manufacturing floors. Whether by impact, abrasion, chemical attack or thermal shock, industrial floors get used and abused all day long.

In general, uncoated concrete is simply not designed to take this kind of treatment on a continual basis. The right, appropriately selected floor coatings are just the opposite—they are specifically engineered to stand up to the abuse that bare concrete simply can't.

Asian Paints Limited furnishes one of the most complete industrial flooring solutions by offering range of Epoxy Flooring, Polyurethane Flooring, Anti-static Flooring, EPU Flooring & Car Deck Flooring systems with variety of product range based on floor requirement.





## APCOFLOR FLOOR COATINGS

The Apcoflor range is used in a wide variety of industries. These include Automotive industry, Food processing industry, Pharmaceutical industry & Textile industry, to name a few. Further, these flooring systems can also be used in Fisheries, Cold storages, Power plants, Airports, Commercial areas such as Automotive, Garages, Hospitals, Warehouses, Retail showrooms, Kitchens, Offices, Hotel lobbies, etc.

The Apcoflor coatings are hard wearing, abrasion-resistant & are available in a wide range of attractive colours. Apcoflor offers benefits such as:

- Tough & long lasting
- Dust prevention/ Low retention of dust
- Ease of cleaning
- Aesthetic appeal
- Improved illumination
- Smooth & seamless floor
- Resistant to water & detergents
- Enhanced resistance to oil seepages
- Enhanced resistance to chemical & solvent spillages



# AUTOMOBILE INDUSTRY

Considering the activities in Automobile industry, various Epoxy floor coating systems are recommended & are commonly used to protect the base concrete floor. In this industry, Epoxy toppings help in preventing the damage to base concrete caused by frequent oil spillage, tools dropping, wear & tear due to heavy movements. At the same time, it also enhances the life of base concrete and makes it easy to maintain; providing a high-performance, smooth & durable surface that can last for many years & withstand heavy loads. What appeals the most about epoxy flooring is its resistance to high levels of wear & tear, making it long-lasting flooring option for industries like Automobiles.

## PROPOSED SYSTEM SOLUTIONS

Based on usage of floor, activities & movement on the floor, the Epoxy systems are designed with various thickness & combinations of product mix.

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Degree of Usage: **Light to Medium**  
Thickness: **1 to 2 mm**  
Recommended Solution: **EPOXY**

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Degree of Usage: **Medium to Heavy**  
Thickness: **2 to 4 mm**  
Recommended Solution: **EPOXY**

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Degree of Usage: **Very Heavy**  
Thickness: **4 to 6 mm**  
Recommended Solution: **EPOXY**

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## GENERAL APPLICATION METHODOLOGY

### A. Surface Preparation

1. Addressing all repairs on existing floors, i.e., cracks, potholes, honeycombing treatment to the control joints & isolation joints etc.
2. Substrate preparation by means of suitable vacuum attached mechanical equipment / tools
3. Groove cutting

### B. Priming

**C. Application of Epoxy self levelling / Trowel applied Underlay / Screed** at thickness varying from 1 to 5 mm

**D. Application of Epoxy self leveling topcoat** with thickness of 0.5 to 2 mm

## EPOXY FLOORING SYSTEM FEATURES

- High durability
- Customizable & sustainable
- Good chemical resistance
- Aesthetic appearance
- Resistant to high degree of wear & tear
- Seamless
- Available in range of shades

### Product Range

#### Primers

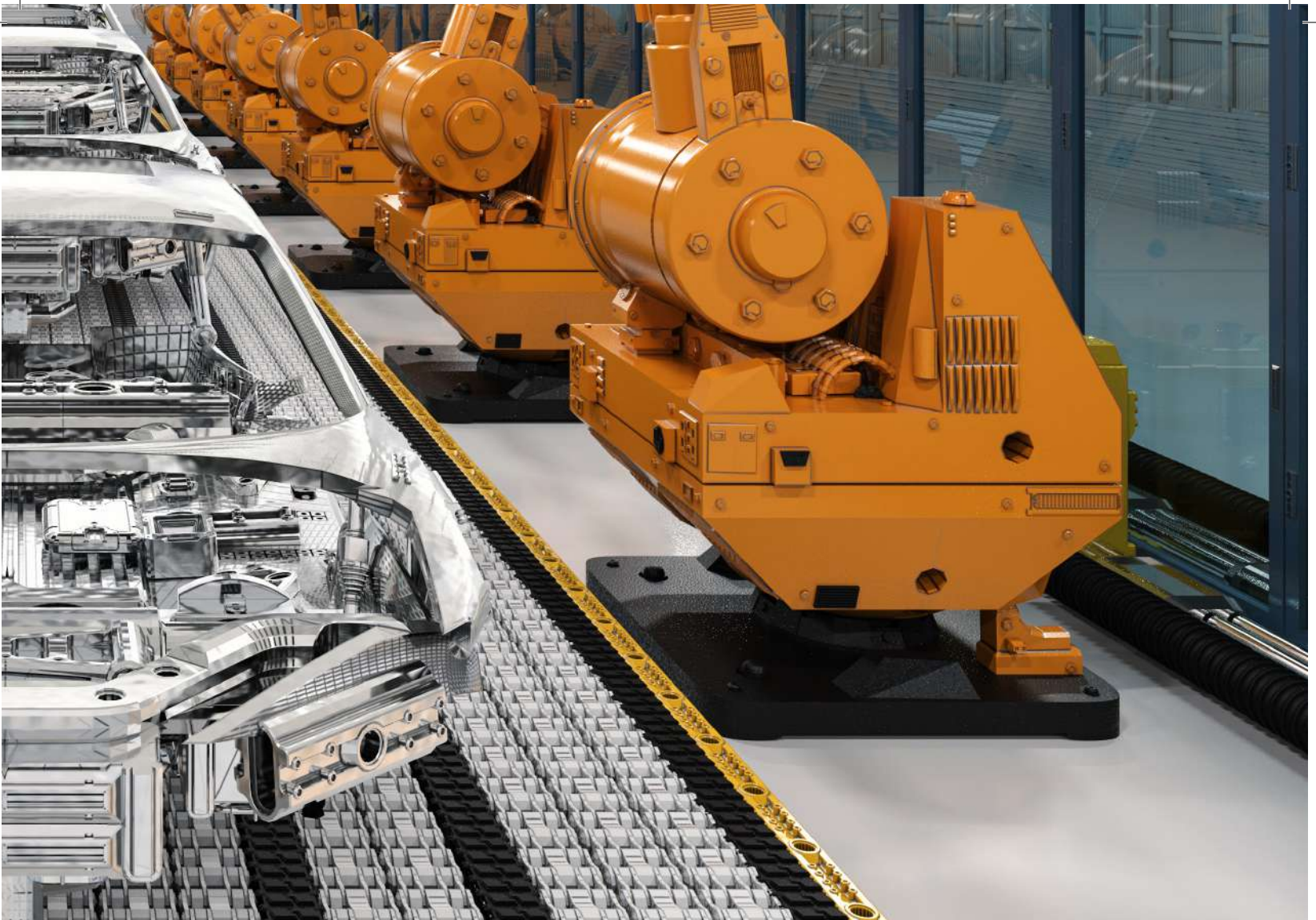
Apcoflor HFP120 / Apcoflor HFP130 /  
Apcoflor FP110 / Apcoflor MFP140 /  
Apcoflor Oil Sealer

#### Epoxy Screed/Underlay

Apcoflor LSC3 / Apcoflor LSC3 XL /  
Apcoflor Screed Sol / Apcoflor HSC3

#### Topcoats

Apcoflor SL1 TC / Apcoflor SL2 /  
Apcoflor SL EPU / Apcoflor SL2 EPU



## AREA-WISE PROPOSED SYSTEM SOLUTIONS

Degree of Usage: **Light to Medium**

Thickness: **1 to 2 mm**

Primers: **Apcoflor HFP120 / Apcoflor HFP130 / Apcoflor FP110 / Apcoflor MFP140 / Apcoflor Oil Sealer**  
 Epoxy Screeds / Underlays: **Apcoflor LSC3**  
 Epoxy Toppings: **Apcoflor SL1 TC**

Degree of Usage: **Medium to Heavy**

Thickness: **2 to 4 mm**

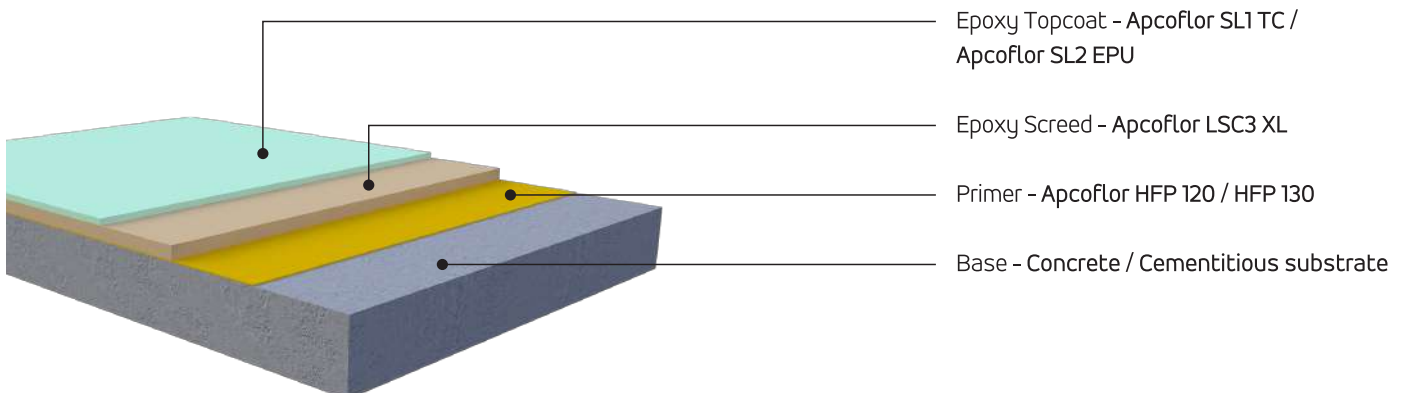
Primers: **Apcoflor HFP120 / Apcoflor HFP130 / Apcoflor FP110 / Apcoflor MFP140 / Apcoflor Oil Sealer**  
 Epoxy Screeds / Underlays: **Apcoflor LSC3 / Apcoflor LSC3 XL / Apcoflor Screed Sol**  
 Epoxy Toppings: **Apcoflor SL1 TC / Apcoflor SL2**

Degree of Usage: **Very Heavy**

Thickness: **4 to 6 mm**

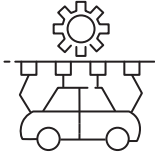
Primers: **Apcoflor HFP120 / Apcoflor HFP130 / Apcoflor FP110 / Apcoflor MFP140 / Apcoflor Oil Sealer**  
 Epoxy Screeds / Underlays: **Apcoflor HSC3**  
 Epoxy Toppings: **Apcoflor SL1 TC / Apcoflor SL2 / Apcoflor SL EPU / Apcoflor SL2 EPU**

## REPRESENTATIVE APPLICATION STEPS



## APPLICATION AREAS

### Shop Floor Area



**Requirement**

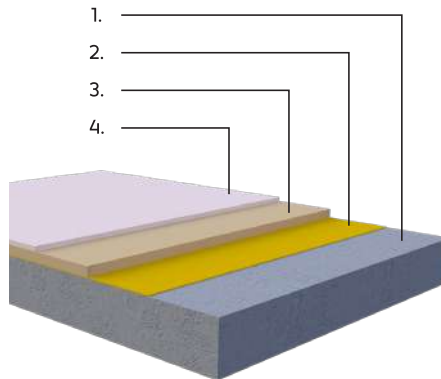
High wear & tear

**Suitable Product Chemistry**

Epoxy Flooring

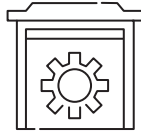
**System Recommendation**

2-3 mm thick Epoxy Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer - Apcoflor HFP 120 / HFP 130
3. Epoxy Screed - Apcoflor LSC3 XL
4. Epoxy Topcoat - Apcoflor SL1 TC / Apcoflor SL2 EPU

### Engine Shop Area



**Requirement**

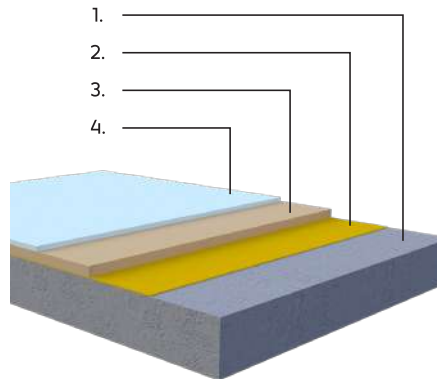
High wear & tear as well as high impact

**Suitable Product Chemistry**

Epoxy / EPU Flooring

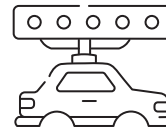
**System Recommendation**

3-4 mm thick Epoxy Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer - Apcoflor HFP 120 / HFP 130
3. Epoxy Screed - Apcoflor LSC3 XL
4. Epoxy Topcoat - Apcoflor SL EPU

### Assembly / Fitting Area



**Requirement**

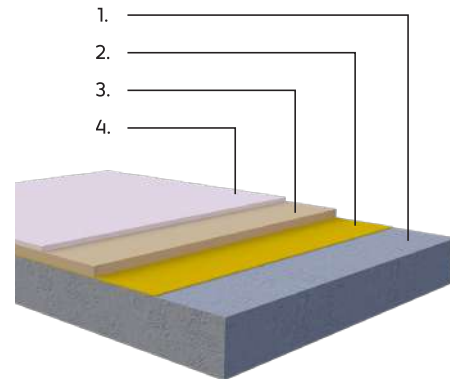
High impact

**Suitable Product Chemistry**

Epoxy Flooring

**System Recommendation**

3-4 mm thick Epoxy Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer - Apcoflor HFP 120 / HFP 130
3. Epoxy Screed - Apcoflor LSC3 XL
4. Epoxy Topcoat - Apcoflor SL1 TC / Apcoflor SL2 EPU

*\* System recommendations may vary based on existing floor condition as well as usage of the floor & type of industry.*

## APPLICATION AREAS

### Workshop Area



#### Requirement

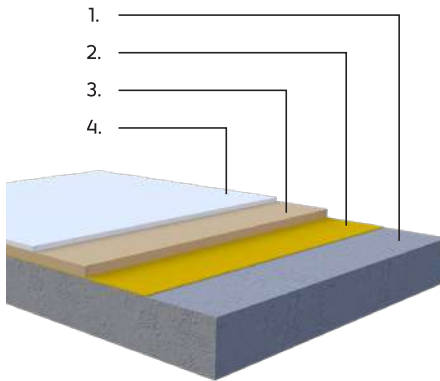
High wear & tear

#### Suitable Product Chemistry

Epoxy Flooring

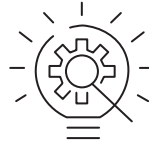
#### System Recommendation

3 mm thick Epoxy Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer - Apcoflor HFP 120 / HFP 130
3. Epoxy Screed - Apcoflor LSC3 XL
4. Epoxy Topcoat - Apcoflor SL1 TC

### R & D Centre



#### Requirement

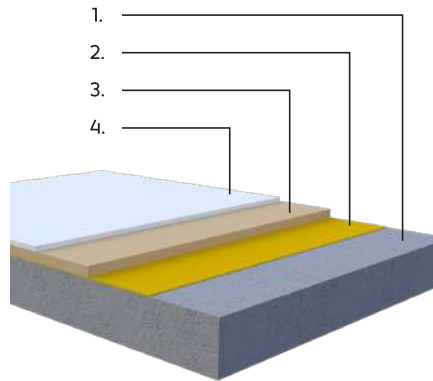
High wear & tear as well as high impact

#### Suitable Product Chemistry

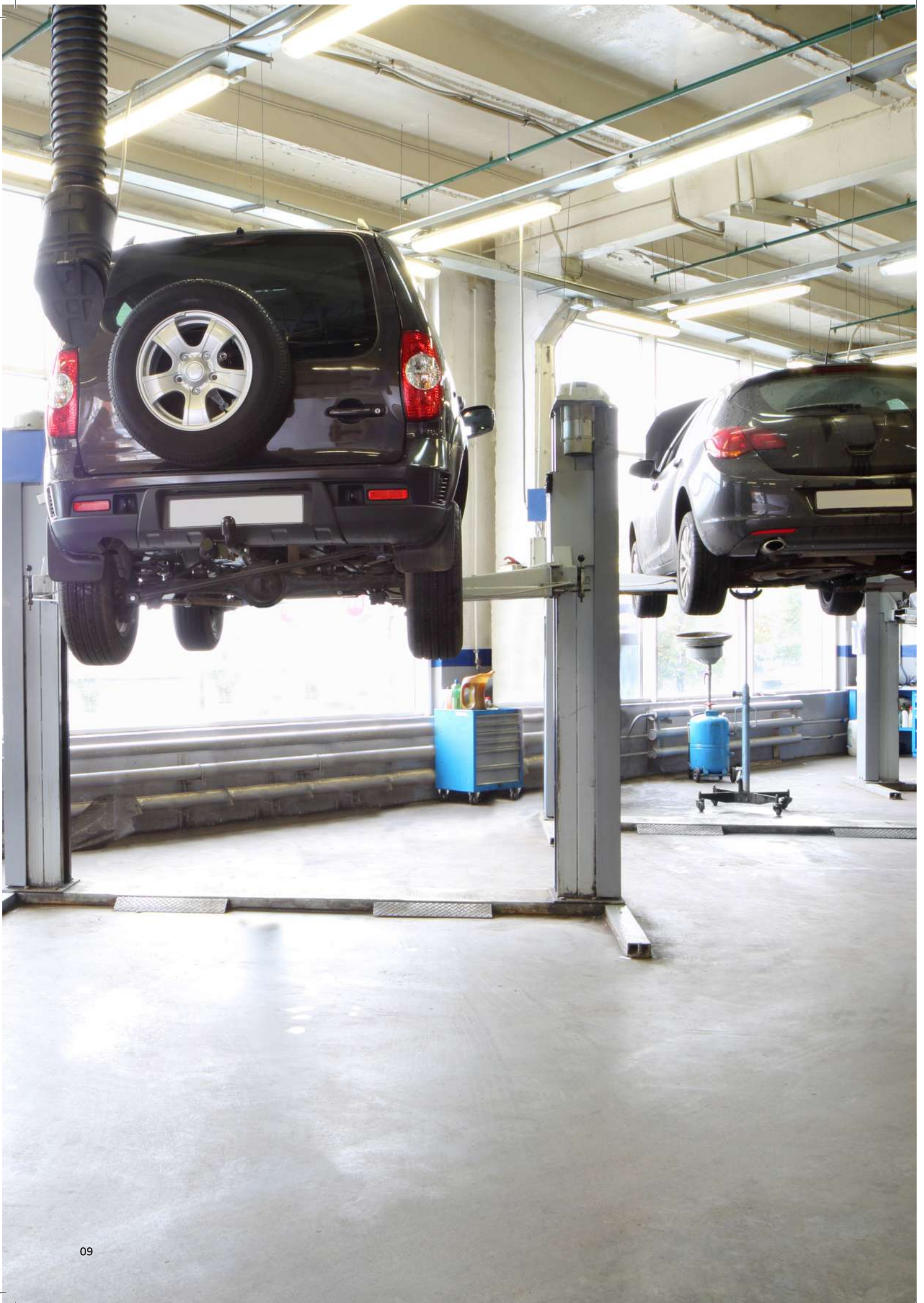
Epoxy / EPU Flooring

#### System Recommendation

3-4 mm thick Epoxy Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer - Apcoflor HFP 120 / HFP 130
3. Epoxy Screed - Apcoflor LSC3 XL
4. Epoxy Topcoat - Apcoflor SL1 TC / Apcoflor SL2 EPU



Apart from Automobile industry, Epoxy flooring is recommended in Auto components manufacturing units, Heavy Industries, Textile Industry, Shopping Malls, Warehouses, etc. in various areas like Production, Storage, Packaging, Laboratories with different thicknesses based on usage of floors.

**Auto Ancilleries**



**Heavy Industries**



**Textile**



**Warehouse**



**Shopping Malls**





# PHARMA INDUSTRY

Manufacturing facilities in any industry are expected to adhere to current Good Manufacturing Practices (cGMPs) that protect consumer well-being and maintain standardized protocols for safety and hygiene. Perhaps nowhere else are these standards more important than in the Pharmaceutical and Biotech manufacturing industry, where bacterial contamination or product cross-contamination can have devastating consequences for consumers. This is one of the most vital industry as it is linked to health. Processing areas, packaging rooms, clean rooms, labs demand floors that perform - chemical, impact & abrasion-resistant floors that meet high design standards. We have seamless Polyurethane floors that provide all of it and are offered in different blends & finishes.

## PROPOSED SYSTEM SOLUTIONS

Based on usage of floor, activities & movement on the floor, the Polyurethane systems are designed with various thicknesses & combinations of product mix.

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Degree of Usage: **Light to Medium**  
Thickness: **3 to 4 mm**  
Recommended Solution: **PU**

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Degree of Usage: **Medium to Heavy**  
Thickness: **4 to 6 mm**  
Recommended Solution: **PU**

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Degree of Usage: **Very Heavy Duty**  
Thickness: **8 to 12 mm**  
Recommended Solution: **PU**

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Degree of Usage: **@ -15° to 80° Temp.**  
Thickness: **5 to 6 mm**  
Recommended Solution: **PU**

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Degree of Usage: **@ -30° to 140° Temp.**  
Thickness: **6 to 9 mm**  
Recommended Solution: **PU**

## GENERAL APPLICATION METHODOLOGY

### A. Surface Preparation

1. Addressing all repairs on existing floors, i.e., cracks, potholes, honeycombing etc.
2. Grinding with suitable mechanical equipment / tools
3. Groove cutting

### B. Primer cum Scratchcoat application

### C. Application of Polyurethane Self Leveling / Trowel applied underlay / Screed at thickness varying from 3 to 12 mm as topcoat

## POLYURETHANE FLOORING SYSTEM FEATURES

- Designed for long term durability
- Excellent abrasion & scratch resistance
- Excellent chemical resistance
- High impact resistance
- Anti-bacterial & anti-microbial
- Withstands -30° to +140° temperature

### Product Range

For 3 to 5 mm thickness  
Apcoflor PU Crete 4K XL



## AREA-WISE PROPOSED SYSTEM SOLUTIONS

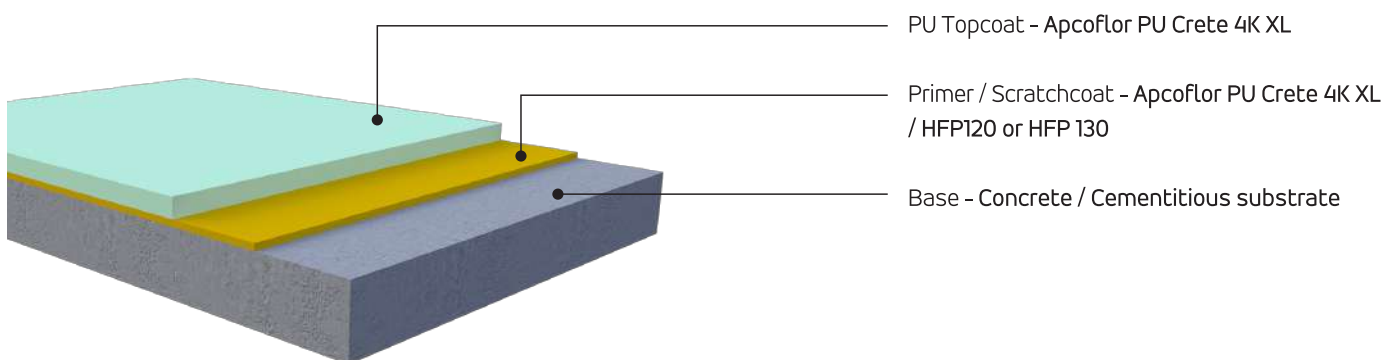
Degree of Usage: Light to Heavy

Thickness: 3 to 5 mm

Primers / Scratchcoats: Apcoflor PU Crete 4K XL / HFP120 or HFP 130

PU Toppings: Apcoflor PU Crete 4K XL

## REPRESENTATIVE APPLICATION STEPS



## APPLICATION AREAS

### Production Area



#### Requirement

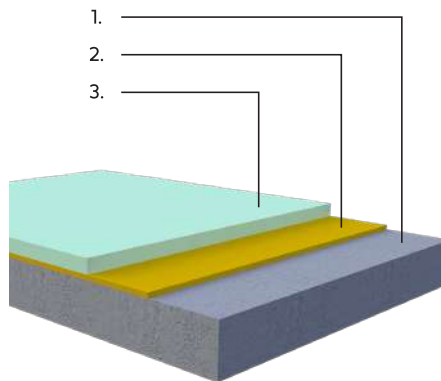
Hygiene – Anti-bacterial & Anti-microbial flooring,  
Scratch & impact resistance

#### Suitable Product Chemistry

Polyurethane Flooring

#### System Recommendation

4 mm thick PU Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer / Scratchcoat - Apcoflor PU Crete 4K XL
3. PU Topcoat - Apcoflor PU Crete 4K XL

### Packaging Section



#### Requirement

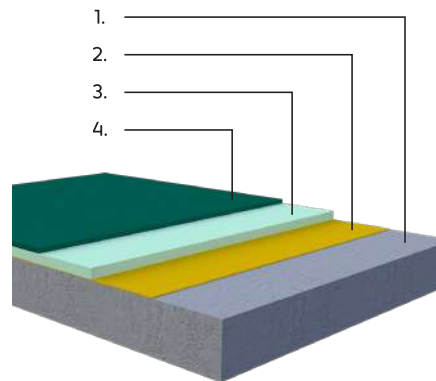
Abrasion & scratch resistance

#### Suitable Product Chemistry

Epoxy / EPU Flooring

#### System Recommendation

3-4 mm thick Epoxy Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer / Scratchcoat- Apcoflor HFP 120 / HFP 130
3. PU Topcoat - Apcoflor LSC3 XL
4. PU Topcoat - Apcoflor SL 1 TC / Apcoflor SL2 EPU

*\* System recommendations may vary based on existing floor condition as well as usage of the floor & type of industry.*

## APPLICATION AREAS

### Research & Development Lab



#### Requirement

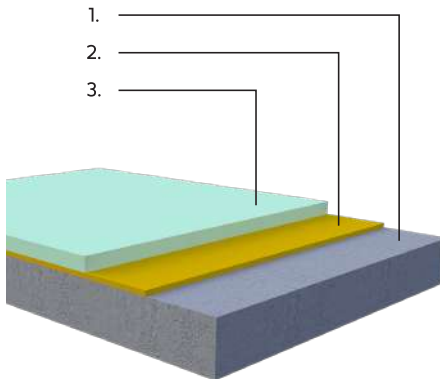
High chemical resistance

#### Suitable Product Chemistry

Polyurethane Flooring

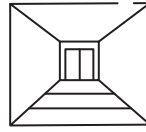
#### System Recommendation

3-4 mm thick PU Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer / Scratchcoat - Apcoflor HFP 120 / Apcoflor PU Crete 4K XL
3. PU Topcoat - Apcoflor PU Crete 4K XL

### Clean Rooms



#### Requirement

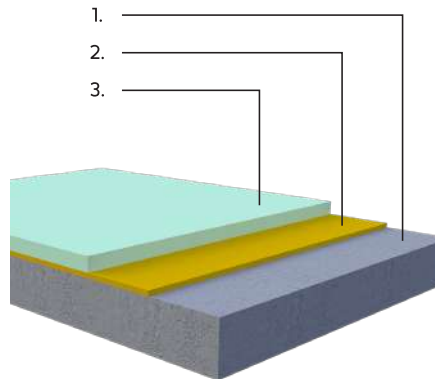
Hygiene – Flooring with CFTRI - Food grade certificate (US FDA 175)

#### Suitable Product Chemistry

Epoxy / PU Flooring

#### System Recommendation

3-4 mm thick PU Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer / Scratchcoat - Apcoflor HFP 120 / Apcoflor PU Crete 4K XL
3. PU Topcoat - Apcoflor PU Crete 4K XL



Apart from Pharma industries, Polyurethane floorings are recommended in Food & Beverages, Fisheries, Cold Storages, Dairies, Fertilizer Industry, Chemical Industries, etc. with different thicknesses based on usage of floors as well as temperature variations.

### Food & Beverages



### Fisheries



### Cold Storages



### Dairies



### Fertilizers





# AIRPORTS

Considering the heavy concourse, traffic, movements, properly chosen terminal and concourse flooring can help create a vibrant, comfortable & safe atmosphere. Commercial floor coatings can be used in pre-security and post-security public spaces of an airport, including: Ticketing halls, Security check areas, Boarding lounges & seating, Stairways & corridors, Baggage claim areas, Executive lounges & clubrooms, Retail shops & boutiques.

## PROPOSED SYSTEM SOLUTIONS

Based on usage of floor, activities & movement on the floor, the Epoxy-Polyurethane systems are designed with various thicknesses & combinations of product mix.

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Degree of Usage: **Heavy Traffic**  
 Thickness: **3 mm**  
 Recommended Solution: **Epoxy / EPU**

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Degree of Usage: **Very Heavy Movement**  
 Thickness: **4 to 5 mm**  
 Recommended Solution: **EPU**

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Degree of Usage: **Very Heavy Vehicular Traffic**  
 Thickness: **1.5 to 2 mm**  
 Recommended Solution: **PU Car Deck**

## GENERAL APPLICATION METHODOLOGY

### A. Surface Preparation

1. Addressing all repairs on existing floors, i.e., cracks, potholes, honeycombing treatment to the control joints & isolation joints etc.
2. Substrate preparation by means of suitable vacuum attached mechanical equipment / tools
3. Groove cutting

### B. Priming

**C. Application of Epoxy Self leveling / Trowel applied Underlay / Screed** at thickness varying from 2 to 3 mm

**D. Application of Epoxy Self leveling topcoat** with thickness of 1 to 2 mm

## EPU FLOORING SYSTEM FEATURES

- Slip-resistant properties
- The wide variety of attractive, colourful EPU flooring finishes
- Excellent heat resistant properties, even when contacted with hot tires
- High performance finish that can withstand weight & pressure
- High impact & abrasion resistance
- Seamless and easy to clean, gloss finish

### Product Range

#### Primers

Apcoflor HFP 120 / Apcoflor HFP 130 / Apcoflor FP110 / Apcoflor MFP140 / Apcoflor Oil Sealer

#### Epoxy Screed/Underlay

Apcoflor LSC3 / Apcoflor LSC3 XL / Apcoflor Screed Sol / Apcoflor HSC 3

#### Topcoats

Apcoflor SL EPU / Apcoflor SL2 EPU / Apcoflor SL-G



## AREA-WISE PROPOSED SYSTEM SOLUTIONS

Degree of Usage: **Heavy Traffic**

Thickness: **3 mm**

Primers: **Apcoflor HFP120 /**

**Apcoflor HFP130 / Apcoflor FP110**

Epoxy Screeds / Underlays: **Apcoflor LSC3**

Epoxy / EPU Toppings: **Apcoflor SL-G /**

**Apcoflor SL2**

Degree of Usage: **Very Heavy Movement**

Thickness: **4 to 5 mm**

Primers: **Apcoflor HFP120 /**

**Apcoflor HFP130**

Epoxy Screeds / Underlays: **Apcoflor LSC3**

**/ Apcoflor LSC3 XL / Apcoflor Screed Sol**

Epoxy / PU Toppings: **Apcoflor SL EPU /**

**Apcoflor SL2 EPU**

Degree of Usage: **Very Heavy Vehicular Traffic**

Thickness: **1.5 to 2 mm**

Primers: **Apcoflor HFP120 + Apcoflor Car**

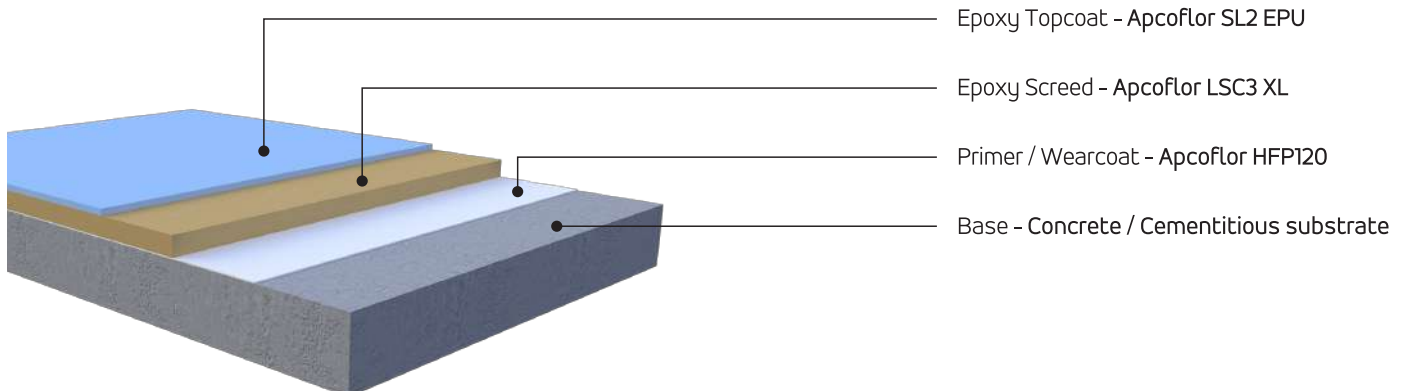
**Deck BC**

Epoxy Screeds / Underlays: **Sand**

**Broadcasting**

Epoxy / PU Toppings: **Apcoflor Car Deck TC**

## REPRESENTATIVE APPLICATION STEPS



## APPLICATION AREAS

### Pre & Post Security



#### Requirement

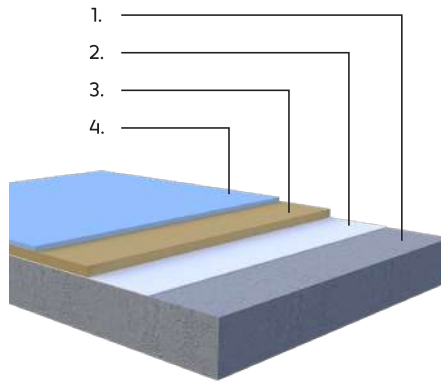
High wear & tear

#### Suitable Product Chemistry

Epoxy Flooring / Epoxy Granular Flooring

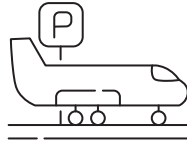
#### System Recommendation

3 mm thick Epoxy / Epoxy Granular Finish Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer / Wearcoat - Apcoflor HFP 120 / HFP 130
3. Epoxy Screed - Apcoflor LSC3 XL
4. Epoxy Topcoat - Apcoflor SL G-Granular Finish Epoxy

### Aircraft Hangars



#### Requirement

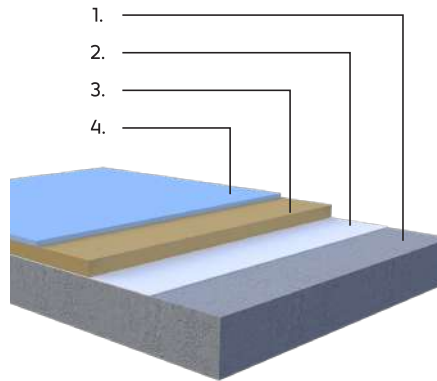
High wear & abrasion as well as heavy impact

#### Suitable Product Chemistry

EPU Flooring

#### System Recommendation

3-4 mm thick EPU Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer / Wearcoat - Apcoflor HFP 120 / HFP 130
3. Epoxy Screed - Apcoflor LSC3 XL
4. Epoxy Topcoat - Apcoflor SL2 EPU

### Basements & Podiums



#### Requirement

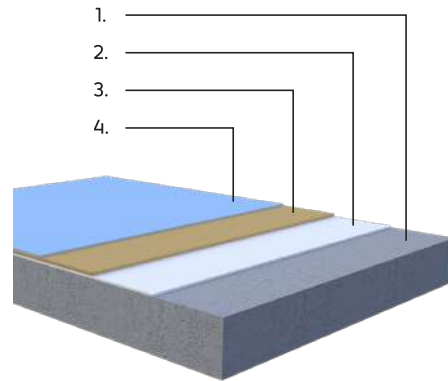
High abrasion resistance

#### Suitable Product Chemistry

Car Deck Flooring

#### System Recommendation

1.5 mm thick PU Car Deck Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer / Wearcoat - Apcoflor Car Deck BC
3. Wear course sand broadcasting preferably Sand with 16/30 size @ 3-4 kg/sq.m.
4. PU Topcoat - Apcoflor Car Deck TC

\* System recommendations may vary based on existing floor condition as well as usage of the floor & type of industry.

Security Check Area



Baggage Claim Area



Aircraft Hangars



Basement / Podium Car Deck



Aircraft hangars have unique requirements when it comes to safe, efficient and durable flooring. Looking at the required properties considering the activities in Aircraft Hangars, our Advanced Epoxy-Polyurethane (EPU) Flooring withstands even the harshest conditions, including aviation fuel, lubricants, corrosive liquids, waxes, and more. EPU hangar floors maintain their integrity and appearance without staining, flaking, or breaking down - even after long-term chemical exposure.

Whether you have a maintenance hangar, storage hangar or fuel hangar, you can count on EPU Flooring.

#### CHEMICAL RESISTANCE

One of the most important properties for hangar flooring is its ability to withstand damage from chemicals. Hangar EPU flooring withstands short-term and long-term exposure to a variety of chemicals such as fire-resistant hydraulic fluid, aviation fuel, corrosive liquids, lubricants, and hot tires without staining or deteriorating.

#### ABRASION RESISTANCE

Our EPU flooring offers excellent wear & tear properties with the ability to withstand scrapes and abrasion from dropped or dragged equipment and tools.

#### ADHESION BOND AND MECHANICAL STRENGTH

Hangar flooring requires a superior bond to the concrete substrate to withstand heavy aircraft & loads, yet flexibility & coating strength to withstand extreme conditions. Industrial EPU flooring absorbs impact with a much higher compressive strength than the concrete substrate to which it is applied.



# ELECTRONIC INDUSTRY

Electronics with highly sensitive microcircuits are particularly susceptible to damage caused by the sudden spike in electrical current that results from random static discharge. The protocols set by the Electrostatic Dissipative (ESD) Association in their standard ANSI/ESD S20.20 were created for these spaces.

## PROPOSED SYSTEM SOLUTIONS

Based on usage of floor, activities & movement on the floor, the Electrostatic Dissipative (ESD) systems are designed with various thicknesses & combinations of product mix.

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Degree of Usage: **Medium to Heavy Traffic**

Thickness: **2.5 to 4.5 mm**

Recommended Solution: **ESD**

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Degree of Usage: **Light to Medium Traffic**

Thickness: **1.5 to 3.5 mm**

Recommended Solution: **ESD**

---

## GENERAL APPLICATION METHODOLOGY

### A. Surface Preparation

1. Addressing all repairs on existing floors, i.e., cracks, potholes, honeycombing treatment to the control joints & isolation joints etc.
2. Substrate preparation by means of suitable vacuum attached mechanical equipment / tools
3. Groove cutting

**B. First Primer Coat:** Application of Epoxy primer to fulfil porosity & as an bond coat between base floor & top resinous layer

**C. Application of Epoxy SL Screed** (light grinding is recommended after curing of Epoxy screed)

**D. Second Primer Coat:** Application of conductive black primer

**E. Providing conductive copper strip** to ensure the quick transfer of static charges to Mother Earth

**F. Application of conductive ESD Self leveling topcoat** with minimum 1.5 mm thickness

## ESD FLOORING SYSTEM FEATURES

- Higher mechanical properties than concrete
- Durable
- Constant level of conductivity
- Low maintenance
- Seamless
- Available in attractive shades
- Meeting the international standards like ANSI ESD 20:20 & ASTM F 150

### Product Range

#### Primers

Apcoflor HFP 120 & Apcoflor ESD Primer

#### Epoxy Screeds

Apcoflor LSC3 / Apcoflor LSC3 XL

#### Topcoats

Apcoflor ESD SL



## AREA-WISE PROPOSED SYSTEM SOLUTIONS

Degree of Usage: **Medium to Heavy Traffic**

Thickness: **2.5 to 4.5 mm**

Primers: **Apcoflor HFP 120 / Apcoflor ESD Primer**

Screeds / Underlays: **Apcoflor LSC3 / Apcoflor LSC3 XL**

Topcoat: **Apcoflor ESD SL**

Degree of Usage: **Light to Medium Traffic**

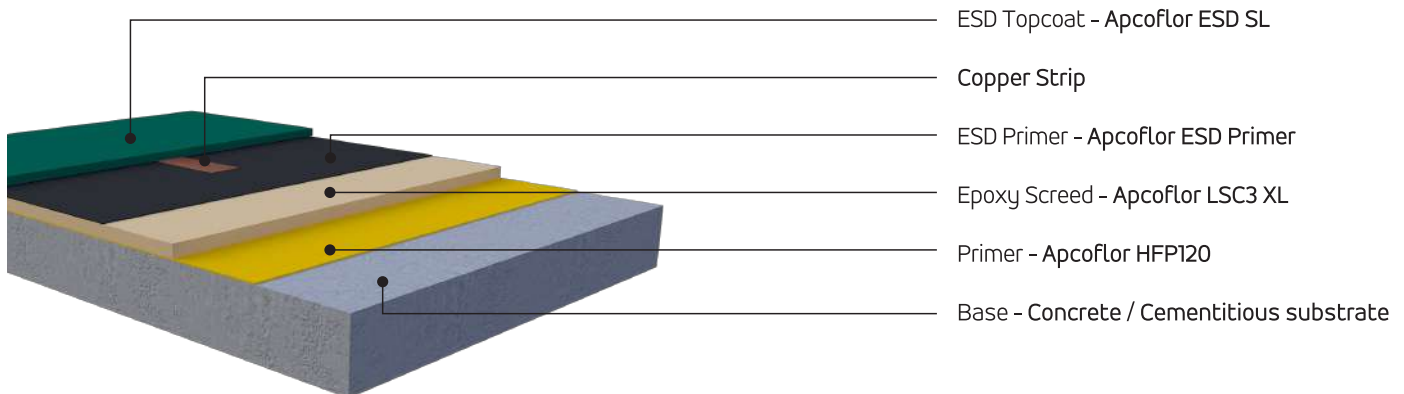
Thickness: **1.5 to 3.5 mm**

Primers: **Apcoflor HFP120 / Apcoflor ESD Primer**

Screeds / Underlays: **Apcoflor LSC3 / Apcoflor LSC3 XL**

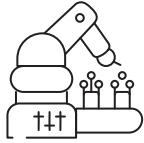
Epoxy Toppings: **Apcoflor ESD SL**

## REPRESENTATIVE APPLICATION STEPS



## APPLICATION AREAS

### Manufacturing Facilities



#### Requirement

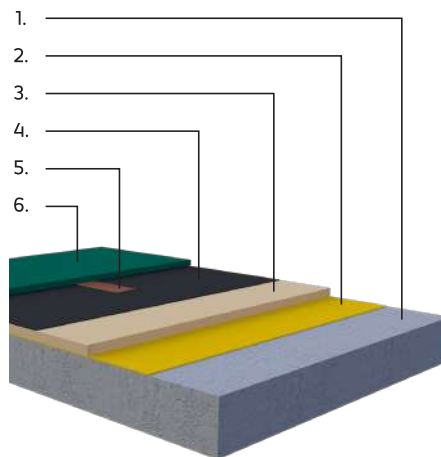
High wear & tear, high Impact with static energy generation resistance

#### Suitable Product Chemistry

ESD (Anti-static) Flooring

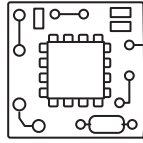
#### System Recommendation

3.5 to 4 mm thick



1. Base Floor - Concrete / Cementitious substrate
2. Primer - Apcoflor HFP120
3. Epoxy Screed - Apcoflor LSC3 XL
4. ESD Primer - Apcoflor ESD Primer
5. Providing Copper Strip - Copper Strip
6. ESD Topcoat - Apcoflor ESD SL

### Microelectronics Fabrication



#### Requirement

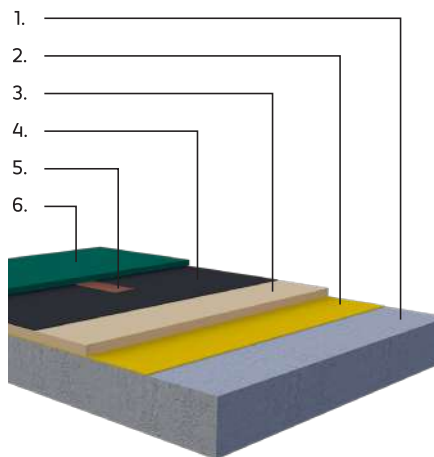
High abrasion & static energy resistance

#### Suitable Product Chemistry

ESD (Anti-static) Flooring

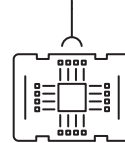
#### System Recommendation

3.5 to 4 mm thick



1. Base Floor - Concrete / Cementitious substrate
2. Primer - Apcoflor HFP120
3. Epoxy Screed - Apcoflor LSC3 XL
4. ESD Primer - Apcoflor ESD Primer
5. Providing Copper Strip - Copper Strip
6. ESD Topcoat - Apcoflor ESD SL

### Circuit Board Assembly



#### Requirement

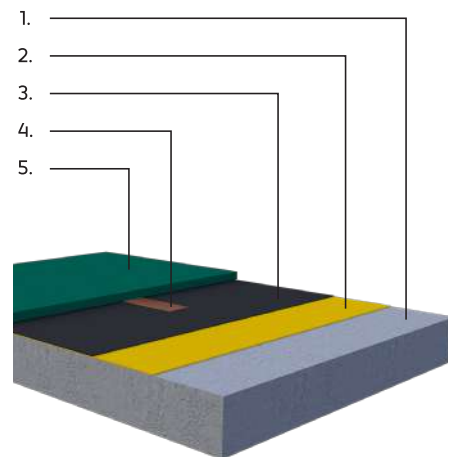
Static energy resistance

#### Suitable Product Chemistry

ESD (Anti-static) Flooring

#### System Recommendation

2 mm thick

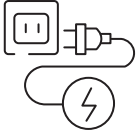


1. Base Floor - Concrete / Cementitious substrate
2. Primer - Apcoflor HFP120
3. ESD Primer - Apcoflor ESD Primer
4. Providing Copper Strip - Copper Strip
5. ESD Topcoat - Apcoflor ESD SL

\* System recommendations may vary based on existing floor condition as well as usage of the floor & type of industry.

## APPLICATION AREAS

### Electronics Test & Repair Section



#### Requirement

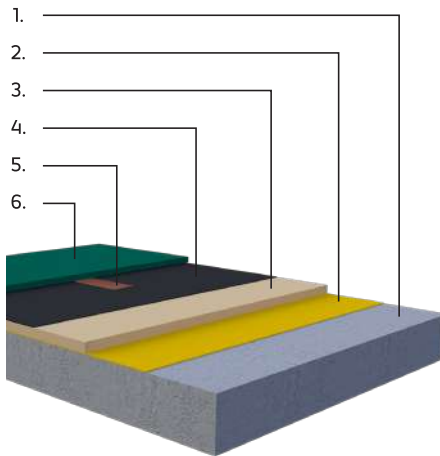
High abrasion & static energy resistance

#### Suitable Product Chemistry

ESD (Anti-static) Flooring

#### System Recommendation

3.5 to 4 mm thick



1. Base Floor - Concrete / Cementitious substrate
2. Primer - Apcoflor HFPI20
3. Epoxy Screed - Apcoflor LSC3 XL
4. ESD Primer - Apcoflor ESD Primer
5. Providing Copper Strip - Copper Strip
6. ESD Topcoat - Apcoflor ESD SL

### Labs / R & D Facilities



#### Requirement

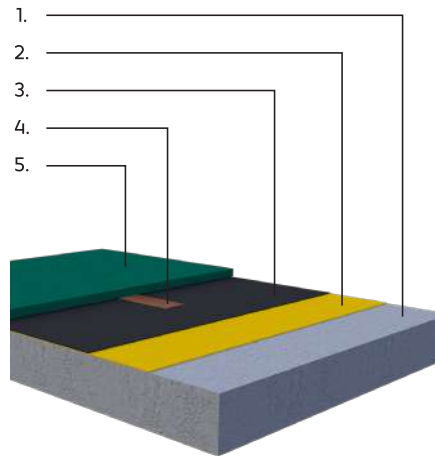
Static energy resistance

#### Suitable Product Chemistry

ESD (Anti-static) Flooring

#### System Recommendation

Minimum 2 mm thick



1. Base Floor - Concrete / Cementitious substrate
2. Primer - Apcoflor HFPI20
3. ESD Primer - Apcoflor ESD Primer
4. Providing Copper Strip - Copper Strip
5. ESD Topcoat - Apcoflor ESD SL



Apart from Electronics industry, ESD (Antistatic) Flooring is also applicable for industries like Computer Facilities, Repair Sections, Data Processing Units, Electronics Manufacturing, Ordnance Plants, Clean Rooms, etc.

### Computer Facilities / Repair Section



### Data Processing Units



### Ordnance Plants



### Clean Rooms



In ESD floors, conductive elements such as carbon particles or carbon fibres are incorporated during application process. These conductive elements transport static energy away from the surface of the floor, through its thickness across a unifying conductive underlayment, to ground.

Every floor, regular as well as ESD, has some degree of electrical resistance. In lay terms, all floors stop or resist a certain amount of static electricity from taking its natural path to ground. The goal is to choose an ESD floor with enough conductivity to provide an effective path to ground, and enough electrical resistance to meet safety requirements and protocols for working with or near energized equipment.

ESD Floors provide a safe, traceable path to ground.



# RESIDENTIAL/ COMMERCIAL ZONE

In the 21<sup>st</sup> century, Car Parks have a crucial role to play as the first point of call for visitors to any public, private or commercial buildings. Looking at the growth speed in construction of commercial structures, it is very crucial to make the first impression count. Car Parking is the entrance door of the building, while servicing its essential primary functional role at the same time.

### PROPOSED SYSTEM SOLUTIONS

Based on indoor / outdoor requirements & degree of traffic movement on the floor, the – CAR DECK – PU systems can be designed with different thicknesses.

Degree of Usage: **Light to Heavy Traffic**  
Thickness: **Avg. 1.5 mm**  
Recommended Solution: **CAR DECK**

Degree of Usage: **Light to Heavy Traffic**  
Thickness: **Avg. 1.5 mm**  
Recommended Solution: **CAR DECK**

Degree of Usage: **Very porous substrate & Heavy Traffic**  
Thickness: **1.5 to 2 mm**  
Recommended Solution: **CAR DECK**

### GENERAL APPLICATION METHODOLOGY

- A. Surface Preparation**
  1. Addressing all repairs on existing floors, i.e., cracks, potholes, honeycombing etc.
  2. Grinding with suitable mechanical equipment / tools
- B. Priming:** Only in case of heavy porosity in base floor
- C. Application of wear coat / base coat with Apcoflor Car Deck BC**
- D. Sand broadcasting** with avg. 3 to 4 kg/sq.m. consumption **on wet Car Deck BC**
- E. Removing excess & loose sand from base coat**
- F. Application of topcoat with Apcoflor Car Deck TC**
- G. Bay marking & signage**

### CAR DECK FLOORING (PU) SYSTEM FEATURES

- Excellent protection to concrete surface
- Anti-skid & abrasion resistance
- Resistant to petrol, diesel & engine oils
- Waterproof
- Low & easy maintenance
- Available in a variety of shades
- Improved brightness
- Reduces tire sequential noise

**Product Range**

**Primers** (applicable only in case of high porous substrate)  
Apcoflor HFP 120/130

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**Wear coat / Base coat**  
Apcoflor Car Deck BC

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**Topcoat**  
Apcoflor Car Deck TC & Apcoflor Car Deck UV



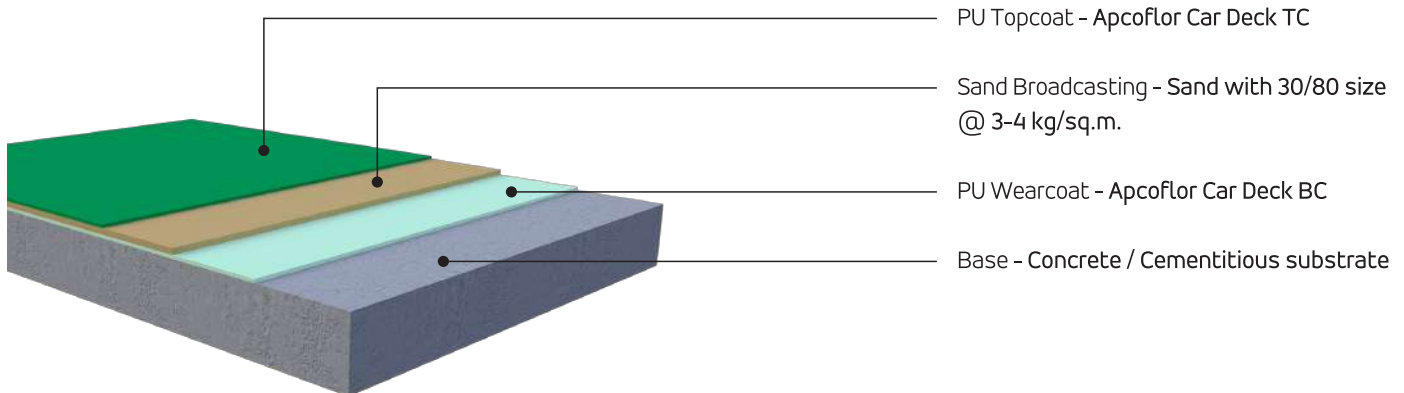
## AREA-WISE PROPOSED SYSTEM SOLUTIONS

Degree of Usage: **Light to Heavy Traffic**  
 Thickness: **Avg. 1.5 mm**  
 Wear coat / Base coat: **Apcoflor Car Deck BC**  
 Sand broadcasting: **3 to 4 kg/sq.m.**  
 Topcoat: **Apcoflor Car Deck TC (2 coats)**

Degree of Usage: **Light to Heavy Traffic**  
 Thickness: **Avg. 1.5 mm**  
 Wear coat / Base coat: **Apcoflor Car Deck BC**  
 Sand broadcasting: **3 to 4 kg/sq.m.**  
 Topcoat: **Apcoflor Car Deck TC (2 coats)**

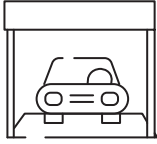
Degree of Usage: **Very porous substrate & Heavy Traffic**  
 Thickness: **1.5 to 2 mm**  
 Wear coat / Base coat: **Apcoflor HFP120 + Apcoflor Car Deck BC**  
 Sand broadcasting: **3 to 4 kg/sq.m.**  
 Topcoat: **Apcoflor Car Deck TC (2 coats)**

## REPRESENTATIVE APPLICATION STEPS



## APPLICATION AREAS

### Basement Dry ways



#### Requirement

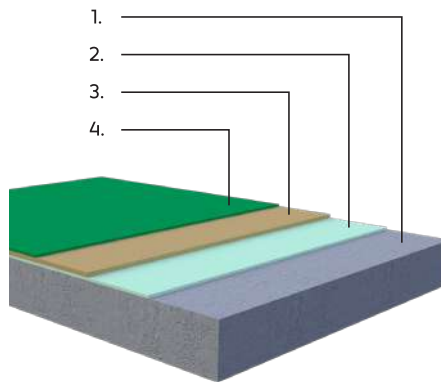
High wear & tear as well as abrasion resistance

#### Suitable Product Chemistry

Car Deck with avg. 1.5 mm thickness

#### System Recommendation

1.5 mm thick PU Car Deck Coating



1. Base Floor - Concrete / Cementitious substrate
2. Wearcoat - Apcoflor Car Deck BC
3. Sand Broadcasting - Sand with 30/80 size @ 3-4 kg/sq.m.
4. Topcoat - Apcoflor Car Deck TC (2 coats)

### Podium Levels



#### Requirement

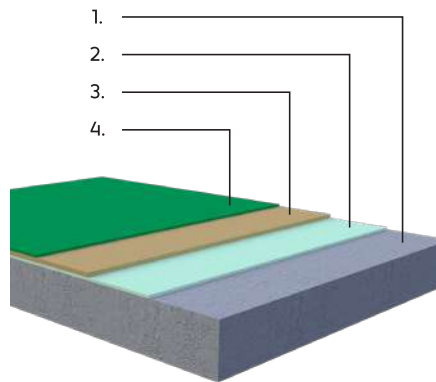
High wear & tear as well as abrasion resistance

#### Suitable Product Chemistry

Car Deck with avg. 1.5 mm thickness

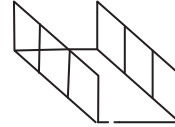
#### System Recommendation

1.5 mm thick PU Car Deck Coating



1. Base Floor - Concrete / Cementitious substrate
2. Wearcoat - Apcoflor Car Deck BC
3. Sand Broadcasting - Sand with 30/80 size @ 3-4 kg/sq.m.
4. Topcoat - Apcoflor Car Deck TC (2 coats)

### Ramps



#### Requirement

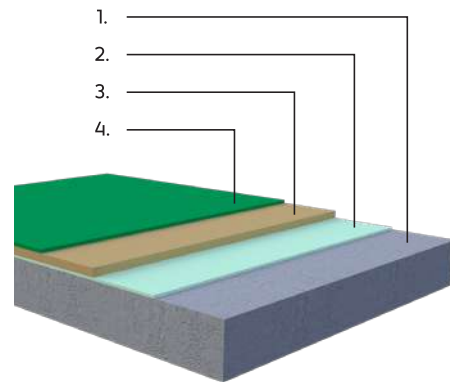
High wear & tear as well as abrasion resistance

#### Suitable Product Chemistry

Car Deck with 1.5 to 2 mm thickness

#### System Recommendation

1.5-2 mm thick PU Car Deck Coating



1. Base Floor - Concrete / Cementitious substrate
2. Wearcoat - Apcoflor Car Deck BC
3. Sand Broadcasting - Sand with 30/60 size @ 3-4 kg/sq.m.
4. Topcoat - Apcoflor Car Deck TC (2 coats)

*In Apcoflor Car Deck TC - PU thinner T 241 is recommended @ a dosage of 10%*

Apart from Residential & Commercial buildings, car deck systems are recommended for basement as well as podiums of IT Parks, Shopping Malls, Large Residential Complexes, Star Hotel Parkings, Airports, etc.

### IT Parks



### Shopping Malls



### Residential Complexes



### Hotels



### Commercial Places





# POWER PLANTS

Keeping concrete floors clean is always an important maintenance function. In nuclear power plants, however, this function is especially important because it helps stop the spread of radioactive particles generated during maintenance on systems containing radioactive contamination. These contaminants accumulate & spread in nuclear facilities in the same way dirt & dust spread through other industrial plants. Epoxy flooring provides a slip-resistant surface for workers and protects structural integrity of concrete slab by preventing absorption of chemicals, acids & caustics.

## PROPOSED SYSTEM SOLUTIONS

Based on usage of floor, activities & movement on the floor, the Epoxy systems are designed with various thicknesses & combinations of product mix.

---

Degree of Usage: **Light to Medium**  
Thickness: **2 mm**  
Recommended Solution: **EPOXY**

---

Degree of Usage: **Medium to Heavy**  
Thickness: **2 to 4 mm**  
Recommended Solution: **EPOXY**

---

## GENERAL APPLICATION METHODOLOGY

### A. Surface Preparation

1. Addressing all repairs on existing floors, i.e., cracks, potholes, honeycombing treatment to the control joints & isolation joints etc.
2. Substrate preparation by means of suitable vacuum attached mechanical equipment / tools
3. Groove cutting

### B. Priming

**C. Application of Epoxy Self leveling / Trowel applied Screed** at thickness varying from 1 to 5 mm

**D. Application of suitable Self leveling topcoat** (based on type of activities on floor) with thickness varying from 0.5 to 2 mm

## EPOXY FLOORING SYSTEM FEATURES

- High durability
- Customizable & sustainable
- Good chemical resistance
- Aesthetic appearance
- Resistant to high degree of wear & tear
- Seamless
- Available in a range of shades

### Product Range

#### Primers

Apcoflor HFP120 / Apcoflor HFP130 / Apcoflor ESD Primer / Apcoflor FP110

#### Epoxy Screed / Underlay

Apcoflor LSC3 / Apcoflor LSC3 XL / Apcoflor Screed Sol / Apcoflor HSC 3

#### Topcoat

Apcoflor SL1 TC / Apcoflor SL2 / Apcoflor SL EPU / Apcoflor SL2 EPU / Apcoflor ESD SL



### AREA-WISE PROPOSED SYSTEM SOLUTIONS

Degree of Usage: **Light to Medium**

Thickness: **2 mm**

Primers: **Apcoflor HFP120 / Apcoflor HFP130 / Apcoflor FP110**

Epoxy Screeds / Underlays: **Apcoflor LSC3**

Epoxy Toppings: **Apcoflor SL1 TC / Apcoflor SL2**

Degree of Usage: **Medium to heavy**

Thickness: **2 to 4 mm**

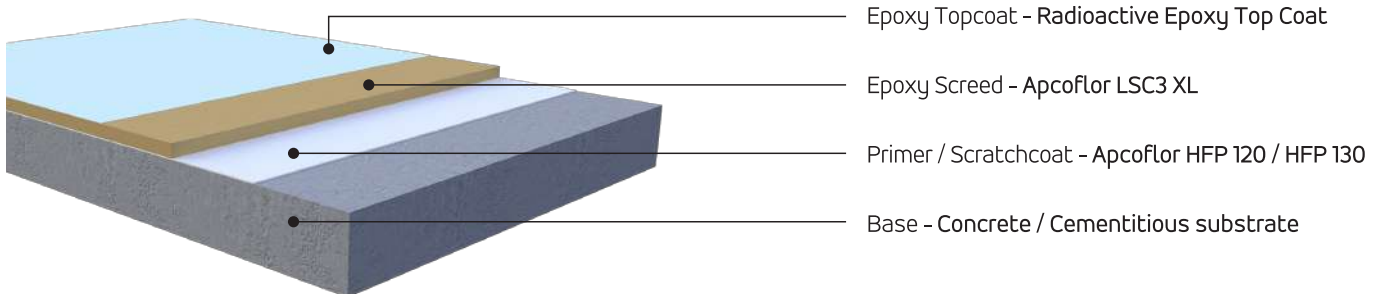
Primers: **Apcoflor HFP120 / Apcoflor HFP130 / Apcoflor FP110 /**

**Apcoflor ESD Primer**

Epoxy Screeds / Underlays: **Apcoflor LSC3 / Apcoflor LSC3 XL**

Epoxy Toppings: **Apcoflor SL1 TC / Apcoflor SL2 / Apcoflor ESD SL**

### REPRESENTATIVE APPLICATION STEPS



## APPLICATION AREAS

### Turbine Floor



#### Requirement

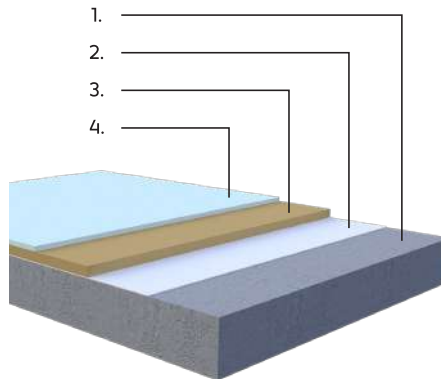
Medium to occasionally heavy man & machine movements

#### Suitable Product Chemistry

Epoxy / EPU Flooring

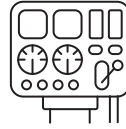
#### System Recommendation

3 mm thick Epoxy / EPU Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer / Scratchcoat - Apcoflor HFP120
3. Epoxy Screed - Apcoflor LSC3 XL
4. Epoxy Topcoat - Apcoflor SL1 TC / Apcoflor SL2 EPU

### Control Panel Rooms



#### Requirement

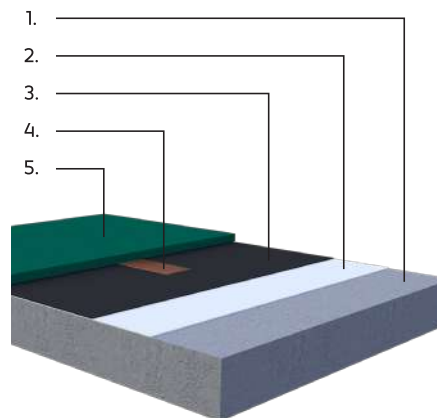
Light to medium man movements & Static energy resistance

#### Suitable Product Chemistry

ESD Flooring

#### System Recommendation

2 mm thick ESD Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer / Scratchcoat - Apcoflor HFP120
3. Epoxy Screed - Apcoflor ESD Primer
4. Epoxy Topcoat - Copper Strip
5. ESD Topcoat - Apcoflor ESD SL

*\* System recommendations may vary based on existing floor condition as well as usage of the floor & type of industry.*

## APPLICATION AREAS

### Reactor Area Floors



#### Requirement

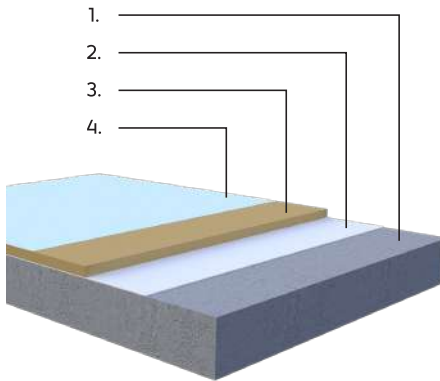
Medium to occasionally heavy man & machine movements

#### Suitable Product Chemistry

Specialized Radioactive Epoxy Flooring

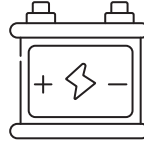
#### System Recommendation

3-4 mm thick Epoxy Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer / Scratchcoat - Apcoflor HFP 120 / HFP 130
3. Epoxy Screed - Apcoflor LSC3 XL
4. Epoxy Topcoat - Radioactive Epoxy Topcoat

### Battery room



#### Requirement

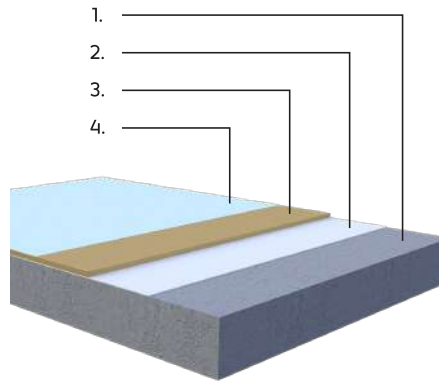
Acid / Chemical resistance

#### Suitable Product Chemistry

Epoxy Flooring

#### System Recommendation

2 mm thick Epoxy Flooring



1. Base Floor - Concrete / Cementitious substrate
2. Primer / Scratchcoat - Apcoflor HFP 120 / HFP 130
3. Epoxy Screed - Apcoflor LSC3
4. Epoxy Topcoat - Apcoflor SL2 EPU

# GUIDELINE INSTRUCTIONS

## FOR CONCRETE SURFACE PREPARATION

### INTRODUCTION

Coating performance is directly affected by surface preparation. Proper surface preparation includes the following:

1. Inspection of the concrete substrate
2. Removal and replacement of non-durable concrete
3. Decontamination of the concrete surface
4. Creation of surface profile
5. Repair of surface irregularities

### METHODS OF SURFACE PREPARATION

Depending upon conditions of the concrete one or more methods of surface preparation may be required. It is common for decontamination to precede mechanical preparation, and if necessary a second decontamination to follow.

Application	Profile	Surface Preparation Method
Primers / Sealers	125-175 microns	Detergent Scrub
		Low-pressure Water
		Acid Etching (not recommended)
		Diamond Grinding
If floor coating is to be done on existing coating, then following Method of Surface Preparation should be adopted		
Thin Film	100-300 micros	Acid Etching (not recommended) Grinding
		Abrasive Blast
		Steel Shot Blast
High-Build	250-1000 microns	Abrasive Blast Steel Shot Blast Scarifying
Self-Leveling	1-2 mm	Abrasive Blast
		Steel Shot Blast
		Scarifying

### INSPECTION OF PREPARED CONCRETE SURFACE

Upon the completion of surface preparation, it is essential to inspect the surface with respect to tensile strength, adhesion, profile, pH and moisture content of concrete surface.

1. Surface Tensile Strength
2. Coating Adhesion
3. Surface Profile
4. Surface Cleanliness
5. Residual contaminants
6. pH
7. Moisture Content

*\* For specific applications, always consult Technical Data Sheets or Technical Function.*

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## 10 IMPORTANT STEPS TO BRILLIANT RESIN FLOORING

1. Evaluate the existing floor
  2. Select the right system
  3. Verify plant layout, required access to power, water etc.
  4. Work schedule & labor planning
  5. Storage of material on site
  6. Preparation & repairs
  7. Mixing material
  8. Application
  9. Protection to completed work
  10. Cleaning & maintenance
- 

## DETERMINANT FACTORS FOR RESINOUS FLOORING

### CHEMICAL RESISTANCE

It is very essential to provide the protective coating to concrete substrate as solvents, acids, alkalis & other compounds can be absorbed by the concrete substrate & deteriorate it. (Labs, food processing areas etc.)

### FAST INSTALLATION

Fast track construction is critical & flooring system is often one of the highest priorities in order that other trades can progress. Floor spaces in areas cannot to be taken out of service for long periods of time, hence, it is very important that downtime is kept to an absolute minimum.

### SLIP RESISTANCE

Wet processing zones need slip-resistant or anti-slip systems, which protect working staff from possible injuries due to slip. (Wet areas, walkways with high foot traffic movements etc.)

### TEMPERATURE RESISTANCE

The floor area can be very sensitive to changes in temperature, whether it is excessively high, below freezing, very sudden or over a long period of time. For example, thermal shocks can quickly cause a floor finish to cracks. For chilling & freezing lines, cold rooms & storage units, you need products that are tolerant to low temperatures, hygienic & easy to clean surfaces that conform to food safety standards. (Cold rooms, fisheries etc.)

### IMPACT RESISTANCE

Warehouse flooring requires floor finishes which are of the highest standards to meet the day-to-day demands of racking solutions storing heavy items & the movement of heavy machinery including forklifts & conveyor systems. (Warehouses / heavy industries etc.)

### ANTI-STATIC FLOORING

Considering the safety measures to prevent the sparks or to ensure consistent & accurate function of electronic machinery & equipment, an Electrostatic Dissipative (Anti-static), conductive grade of same type of resin flooring should be used. ESD (Anti-static) resin flooring has ability to prevent an electrostatic discharges & spark, in these situation where static electricity generation is possible, such as through the movement, contact or separation of equipment, machinery & materials. Anti-static resin flooring can achieve this if it is static conductive or static dissipative. (Ordnance plants, operation theaters, electronics manufacturing / repairing zone, capsule manufacturing units etc.)







### SEAMLESS FLOOR

The resinous floors have no “seams” or “joints” where water could stand, dirt could collect or bacteria could grow. The seamless nature of resinous flooring also makes it much easier to clean & sanitize, thus ensuring a bacteria-free surface.

# KEY CUSTOMERS



# CERTIFICATIONS

	Certifying Body	Property	Test Standard	Product Name
	M/s CFTRI, Mysore	Food grade contact with Potable Water	US FDA 175	Apcoflor SL2 / Apcoflor SL2 EPU / Apcoflor WPF 200 / Apcoflor PU Screed / Apcoflor SL1 / Apcoflor TC 510
	M/s CPRI Govt. of India	Surface to surface & surface to ground resistance test	DIN EN 1081	Apcoflor ESD SL
	M/s Warrington UK	Fire retardance	BS 476	Apcoflor SL2 EPU
	M/s ERDA, Baroda	Dielectric constant	ASTM D 150-11	Apcoflor SL2 EPU
	M/s ERDA, Baroda	Breakdown voltage	IS 2584:2006	Apcoflor SL2 EPU
	M/s Civil Aid, Bangalore	Liner shrinkage	ASTM C 531	Apcoflor PU Screed
	M/s ESD Management, Bangalore	Body voltage & static field measurements	ANSI ESD S20.20.2014	Apcoflor ESD SL

# PROJECT REFERENCES

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L&T Ltd.	Sumukha Eng.	Lloyds Engineering
Badve Engineering Pvt. Ltd.	Precision Telecom Products	Havells
Siemens Ltd.	Blue Star Ltd.	ASB Electricals
Mutual Industries Ltd.	Taneja Aerospace & Aviation Ltd.	JFE Shoji Steel Pvt. Ltd.
Minda Ltd.	Rajasthan Spinning Mills Ltd.	Airforce Hangars
Dhoot Transmissions Ltd.	Ashok Leyland	Amtek Auto
Videocon Industries Ltd.	Amber Enterprises (I) Pvt. Ltd.	Kudankulam Atomic Power Plant
Dresser Rand Ltd.	Siddhivinayak Aesthetics Pvt. Ltd.	Hindustan Unilever
Posco Steels Ltd.	Govind Milk & Milk Products Pvt. Ltd.	Varahi India
Rolex Rings Ltd.	Ltd.	Mahindra & Mahindra Ltd.
Gujrat Fluoro Chemicals Ltd.	Pharma Base India Pvt. Ltd.	Hindustan Zinc Ltd.
General Motors Ltd.	Tata Auto Comp Systems Ltd.	Khamaria Ordinance Plant
Interplex Plastics Ltd.	BMC Electroplast	Nuclear Power Plant – Kudankulam
Delphi Automobile Systems Ltd.	Avery Dension	Krishna Maruti Ltd.
Ballarpur Industries Ltd	Halliburton Offshore Services	MDH Masale
Tyco Electronics System (I) Pvt. Ltd.	Alfa Laval	Bikano Foods
Ltd.	Hindustan Unilever	Reliance Twin Towers
Intel Technology (I) Pvt. Ltd.	PG Electroplast	Bosch India – Pune
Vehicle Factory	Ecorea Kroda India Ltd.	Jet Airways
Narora Atomic Power Station	Robinson Cargo India Ltd.	
Microturners	Grazziano Transmissioni	
Vidya Wires Pvt. Ltd.	Alkabeer	

# PRODUCT BASKET

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## Primers

- Apcoflor FP 110 (Epoxy Pigmented Primer)
  - Apcoflor HFP 120 (Epoxy Penetrating Primer)
  - Apcoflor HFP 130 (Epoxy Penetrating Primer)
  - Apcoflor MFP 140 (Moisture Intolerant Primer)
  - Apcoflor Oil Sealer (Oil Sealer Primer)
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## Epoxy Screed

- Apcoflor HSC 3 (High Strength Epoxy Compacting Screed)
  - Apcoflor LSC 3 (Self-Leveling Epoxy Screed)
  - Apcoflor LSC3 XL (Self-Leveling Epoxy Screed)
  - Apcoflor Screed Sol (Medium Duty Epoxy Screed)
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## Polyurethane Flooring

- Apcoflor PU Crete 4K XL (4K Polyurethane Self-Leveling Finish)
  - Apcoflor PU Screed HD (4K Polyurethane Trowel Applied Heavy Duty Screed)
- 

## Top Coats

- Apcoflor SL 1 TC (Epoxy Self-Leveling Flooring, 1 mm)
  - Apcoflor SL EPU (Epoxy Polyurethane Self-Leveling Flooring)
  - Apcoflor SL 2 (Epoxy Self-Leveling Flooring, 2 mm)
  - Apcoflor SL 2 EPU (Epoxy Polyurethane Self-Leveling Flooring)
  - Apcoflor SL G (Epoxy Self-Leveling Granular Finish)
- 

## Thin Film Coatings

- Apcoflor TC 650 (Solvent Based 2K Polyurethane Floor Coating)
  - Apcoflor TC 630 (Water Based 2K Polyurethane Matt Floor Coating)
  - Apcoflor TC 510 (Solvent Free Epoxy Floor Coating)
  - Apcoflor AS 500 (Epoxy Anti-Skid Coating)
- 

## ESD Coatings

- Apcoflor ESD Primer (Epoxy ESD Floor Primer)
  - Apcoflor ESD SL (Epoxy ESD Self-Leveling Flooring)
- 

## Car Deck Coating

- Apcoflor Car Deck Basecoat (3K PU)
  - Apcoflor Car Deck Topcoat (2K PU)
  - Apcoflor Car Deck UV
-

# WHY ASIAN PAINTS

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Asian Paints, as a company, has come a long way since its small beginning in 1942. Over the course of 25 years, Asian Paints has become a corporate force and India's leading paints company. Driven by its strong consumer-focus and innovative spirit, the company has been the market leader in paints since 1967.

Asian Paints manufactures a wide range of paints and coatings for decorative and industrial use. Every product is formulated using specialized technology to deal with specific challenges. With our on-site technical support and product guides, it becomes easier for our customers to choose the product which best meets their needs.



## ON-SITE TECHNICAL SUPPORT

Visits during execution, addressing complaints & guidance in critical applications, on-site training etc.



## APPLIED SAMPLE SUPPORT

Providing cured samples wherever required for look and feel of our flooring products to address any client needs.



## R & T SUPPORT

World-class innovative & dynamic research & technology team that is constantly creating innovative solutions that exceed market expectations.



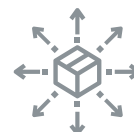
## SPECIFICATIONS TEAM

We have a dynamic specifications team which helps us in getting specified in government sector, corporate sector, private bodies etc.



## TECHNO SALES SUPPORT

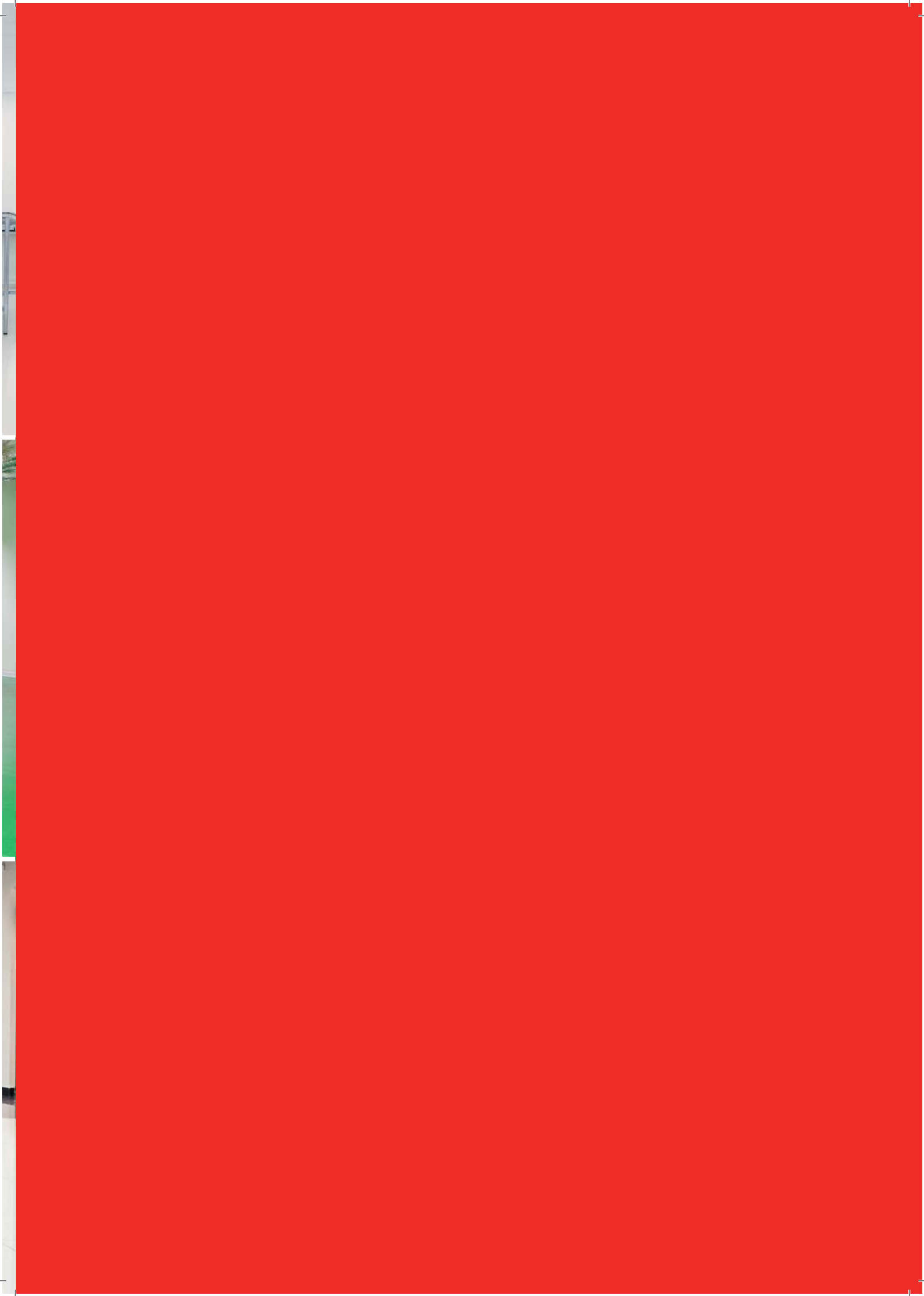
We have a huge technically competent sales team with relevant industry experience PAN India in over 40+ locations.



## PRODUCT GUIDES & BROCHURES

TDS, MTCs, 3<sup>rd</sup> party test reports, guides, brochures for pitching.







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