



**KOSSAN**

**PAINT**

# High Performance Floor Coatings



**KosFLOR**

*High Performance Concrete Protection*

*Name Behind Quality*



BUATAN MALAYSIA



## SURFACE PREPARATION

The key to a successful bonded topping, as with a coating, is proper surface preparation. Surface must be structurally sound, clean and free from oil, grease, wax and other contaminants. Creation of surface profile can be accomplished by a number of methods each utilizing a selection of tools, equipment and materials to accomplish the intended purpose. Selection is dependent upon the type of surface to be prepared and the type of system to be installed. The surface profile is the measure of the average distance from the peaks of the surface to the valleys as seen through a cross sectional view of the concrete. This dimension is defined pictorially and through physical samples in the ICRI Technical Guideline, and is expressed as a Concrete Surface Profile number (CSP 1-9)

\* For general protective coating and sealing application from 4 to 10 mils in thickness, the surface profile shall be CSP 1, 2, or 3, typically accomplished through decontamination of the concrete surface defined in #1. above, followed by acid etching, grinding or light shot blast.

\* For high-build coating application from 10 to 40 mils in thickness, the surface profile shall be CSP 3, 4, or 5, typically accomplished through decontamination of the concrete surface defined in #3. above, followed by light shot blast, light scarification or medium shot blast.

\* For self-leveling topping application from 50 mils to 1/8" in thickness, the surface profile shall CSP 4, 5, or 6. These are typically accomplished through decontamination of the concrete surface defined in #4. above, followed by light scarification, medium shot blast or medium scarification.

\* For slurry or mortar systems and other topping applications greater than 1/8", the surface profile shall CSP 5, 6, 7, 8, or 9. These are typically accomplished through decontamination of the concrete surface defined in #5. above, followed by medium shot blast, medium scarification, heavy abrasive blast, scabbled or heavy scarification.

## KOSFLOR COLOURS



Oyster White KF 1013



★ Signal Yellow KF 1003



Pastel Green KF 6019



Pale Green KF 6021



Light Ivory KF 1015



Light Blue KF 5012



★ Yellow Green KF 6018



Light Grey KF 7035



★ Strawberry Red KF 3018



Sky Blue KF 5015



May Green KF 6017



Misty Grey KF 7038



★ Signal Red KF 3001



Brilliant Blue KF 5007



Grass Green KF 6010



Silver Grey KF 7001



Brown Red KF 3011



Mid Blue KF 0502



Leaf Green KF 6002



Dusty Grey KF 7037

★ Premium Colour

\*The colours shown in this colour card are meant as a guide only. The colours may be appear slightly different to our finishing products.

\*Special colours available upon request.



## PRIMER

- |                    |   |
|--------------------|---|
| • KOSFLOR SB-360   | 2-Component Solvent Based Epoxy Primer          |
| • KOSFLOR SF-P     | 2-Component Solvent-Free Epoxy Primer           |
| • KOSFLOR P-250 WB | 2-Component Water Based Epoxy Primer            |
| • KOSFLOR P-250 AS | 2-Component Water Based Conductive Epoxy Primer |

## UNDERLAYMENT / MOISTURE BARRIER

- |                  |                                 |
|------------------|---------------------------------|
| • KOSFLOR SC-500 | 3-Component Epoxy Mortar Screed |
|------------------|---------------------------------|

## FINISH / TOPPING

- |                      |   |
|----------------------|---|
| • KOSFLOR FC-150     | 2-Component Solvent-Free Epoxy Coating                      |
| • KOSFLOR SL-201     | 2-Component Solvent-Free Self-levelling Epoxy Floor Coating |
| • KOSFLOR SL-200 AS  | 2-Component Solvent-Free Self-smoothing ESD Topping         |
| • KOSFLOR FC-260     | 2-Component Water Based Epoxy Coating                       |
| • KOSFLOR SL-261 WB  | 2-Component Water Based Self-smoothing Epoxy Topping        |
| • KOSFLOR FC-450     | 2-Component Solvent Based Epoxy Coating                     |
| • KOSFLOR FC-469     | 2-Component High Solids Epoxy Coating                       |
| • KOSFLOR AST-490    | 2-Component Non-slip Texture Epoxy Coating                  |
| • KOSFLOR ACF-Series | Single Pack Methyl Methacrylate (MMA) Floor Coating         |

## POLYURETHANE FINISH / TOPPING

- |                  |  |
|------------------|--|
| • KOSFLOR FC-350 | 2-Component Solvent Based Polyurethane Coating |
| • KOSFLOR FC-360 | 2-Component High Solid Polyurethane Coating    |



# INDUSTRIAL FLOORING

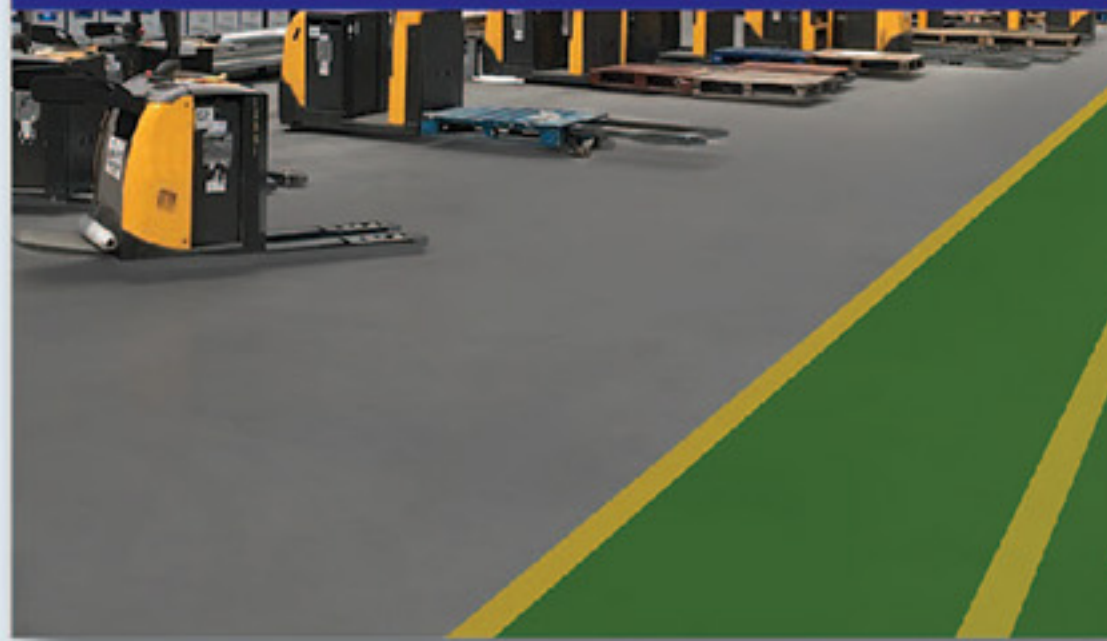
Loading/Unloading Bay



Laboratory



Forklift Traffic



Production Area

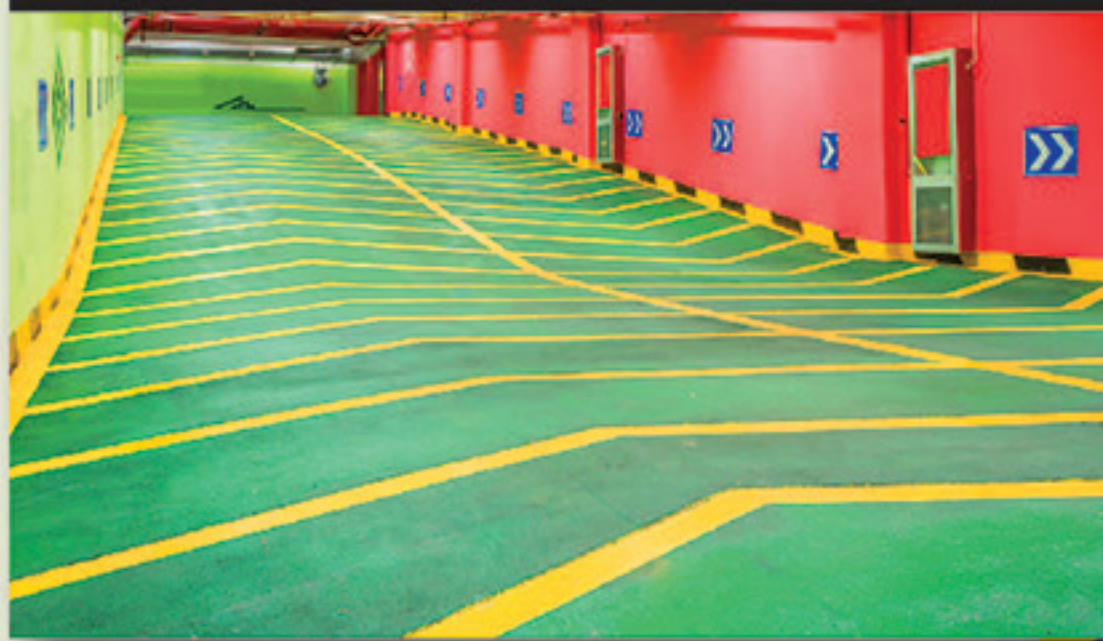


Racking Area



# CAR PARK FLOORING

Ramps



Pedestrian Walk Way



Parking Lot



Drive Way



Disable Parking Lot



Crossing Line



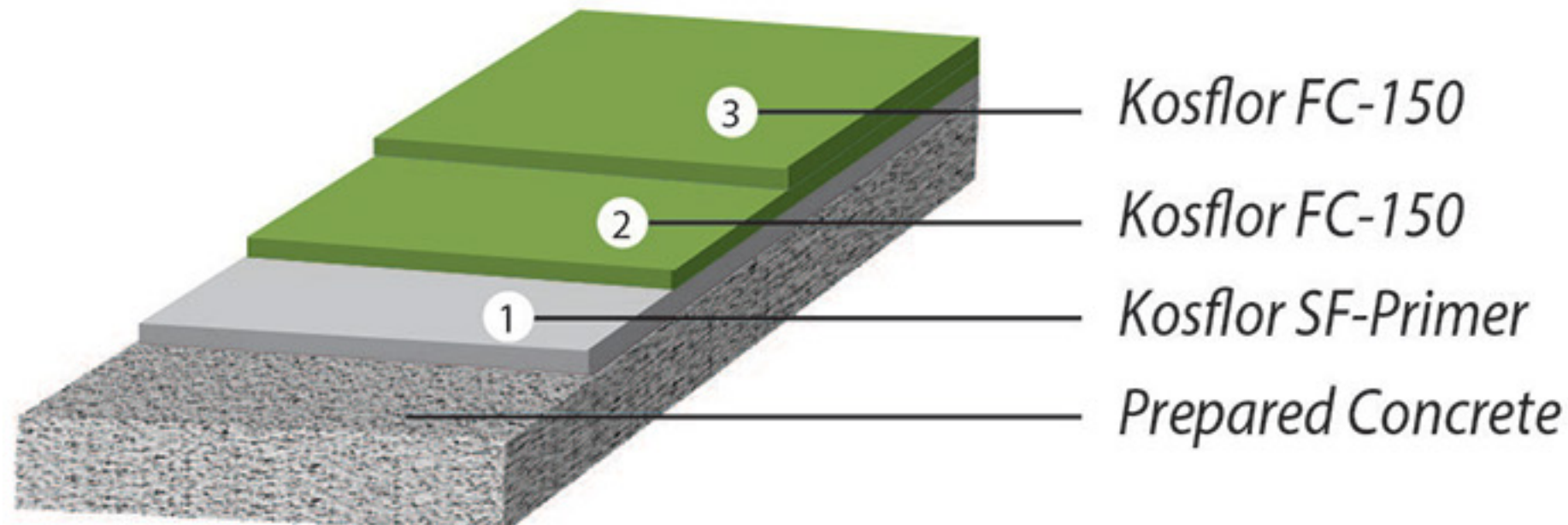


# LIGHT DUTY

## KOSFLOR FCS - 8010

### 3 Coats Solvent Free Epoxy Floor Coating System

A light duty hard wearing attractive solvent free floor coating system which resistance to wide range of chemical resistance and abrasion resistant on light duty industrial floor, assembly plant, car park deck and etc.



\*High Gloss

\*Typical thickness : 250-350µm



GLOSSY



EASY TO CLEAN



CHEMICAL RESISTANCE



ANTI-MICROBIAL

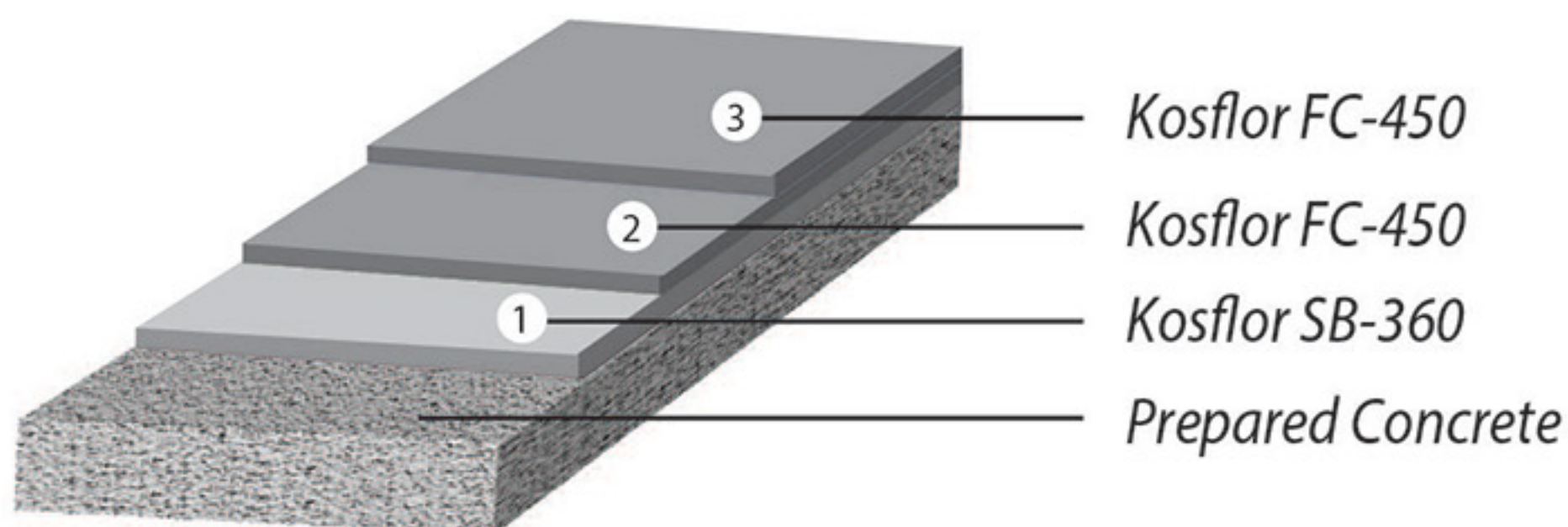


ODOURLESS

## KOSFLOR FCS - 8020

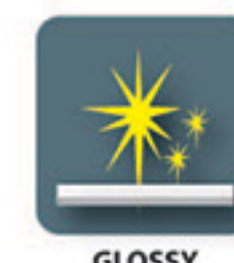
### 3 Coats Solvent-Based Epoxy Floor Coating System

A light duty protective floor coating system hard wearing on floor and wall in light duty industrial floor, commercial buildings, warehouse, indoor area walk pave, and etc



\*High Gloss

\*Typical thickness : 130-150µm



GLOSSY



CHEMICAL RESISTANCE



ANTI-MICROBIAL

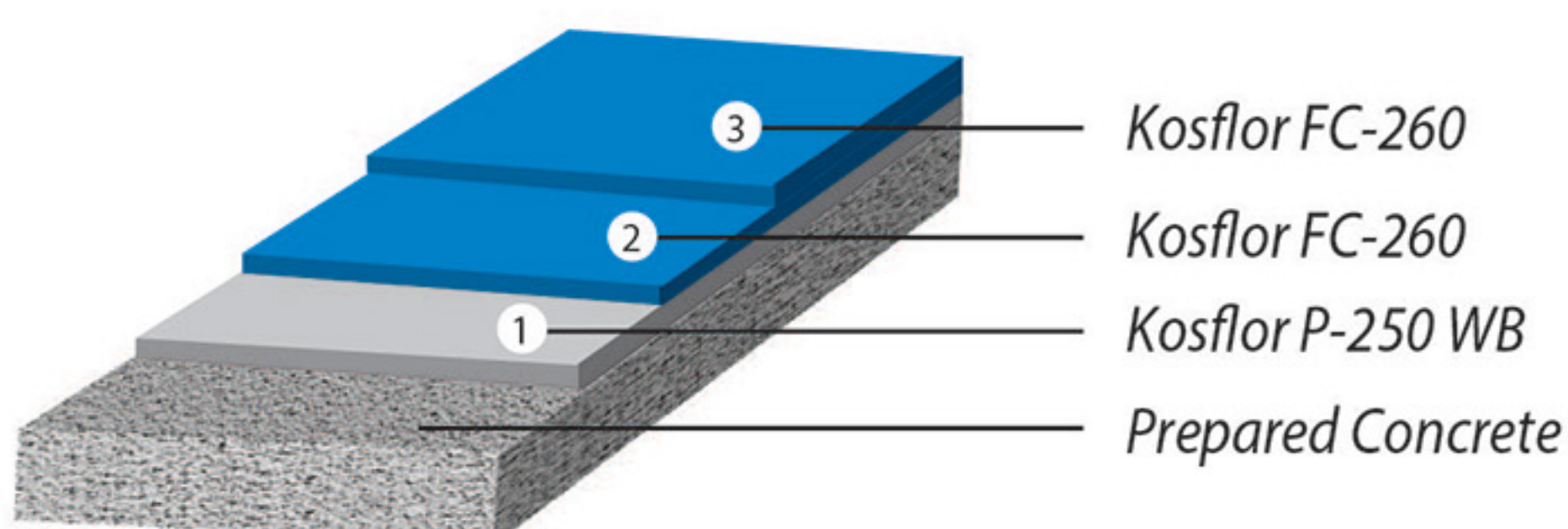


ABRASION RESISTANCE

## KOSFLOR FCS - 8030

### 3 Coats Water-Based Epoxy Floor Coating System

A light duty traffic water-based epoxy coating system that formulated for application and residue protection on wall and floor, as well as any kind of stone in light duty industrial area, commercial buildings, warehouse, walk-way and etc.



\*Semi Gloss

\*Typical thickness : 130-150µm



WATER-BASED  
ENVIRONMENT FRIENDLY



MOISTURE TOLERANT



CHEMICAL RESISTANCE



ANTI-MICROBIAL



ODOURLESS

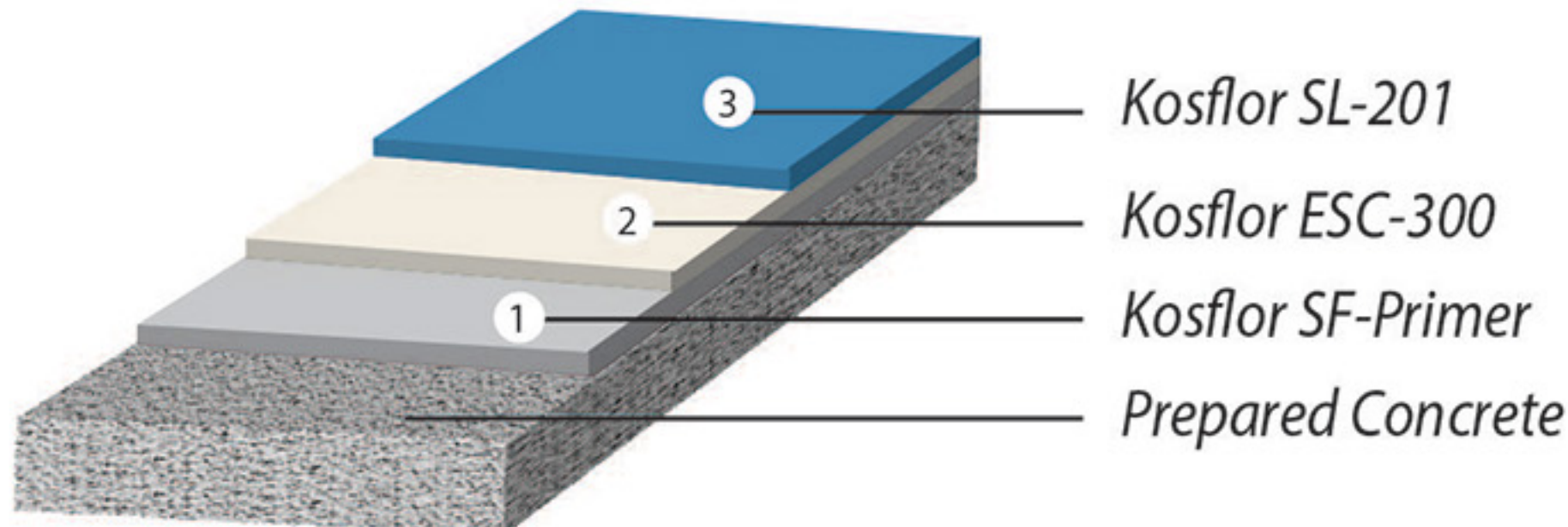


# MEDIUM DUTY

## KOSFLOR SLF-1022

### 1-3mm Solvent-Free Self Smoothing Epoxy Floor System

A medium duty protective applications in all industries in clean rooms, laboratories, packing areas, assembly areas and light manufacturing areas in pharmaceutical plants.



\*High Gloss

\*Typical thickness : 1-3mm



GLOSSY



CHEMICAL RESISTANCE



ANTI-MICROBIAL



ODOURLESS

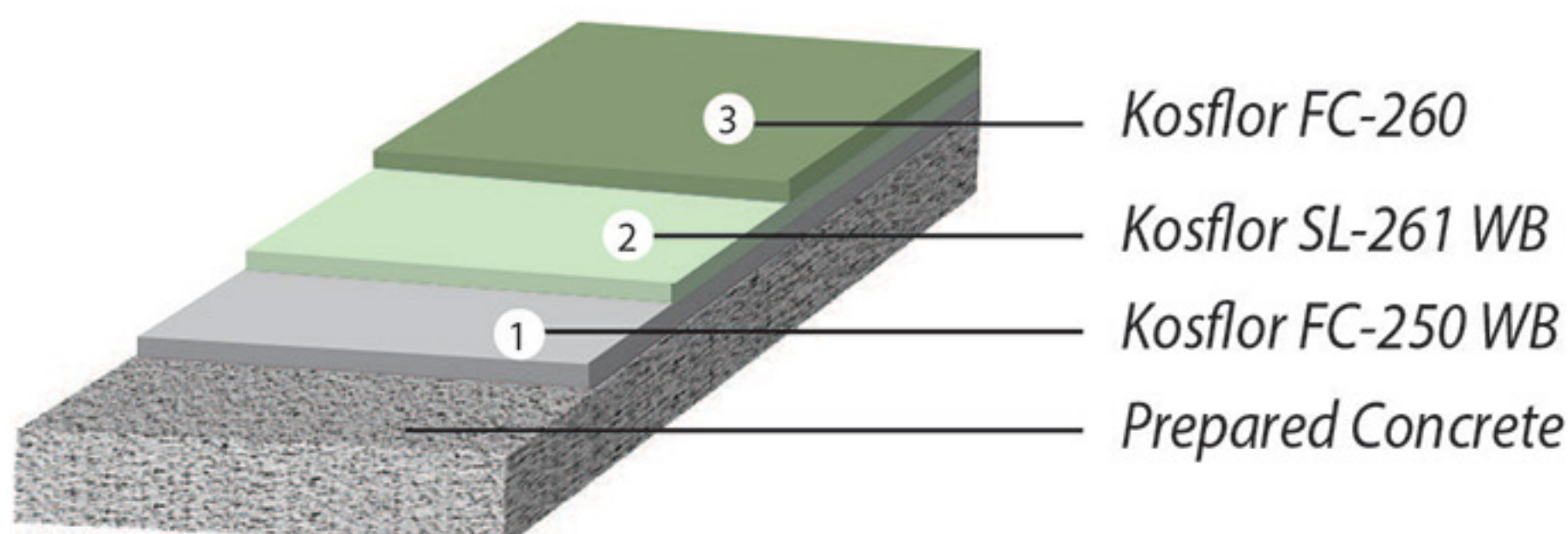


ABRASION RESISTANCE

## KOSFLOR SLF-1032

### 1-3mm Water Based Self Smoothing Flooring System

A medium duty protective floor system in all light industries clean rooms, laboratories, packing areas, assembly area, electronics etc.



\*High Gloss

\*Typical thickness : 1-3mm



GLOSSY



WATER-BASED  
ENVIRONMENT FRIENDLY



MOISTURE TOLERANT



CHEMICAL RESISTANCE

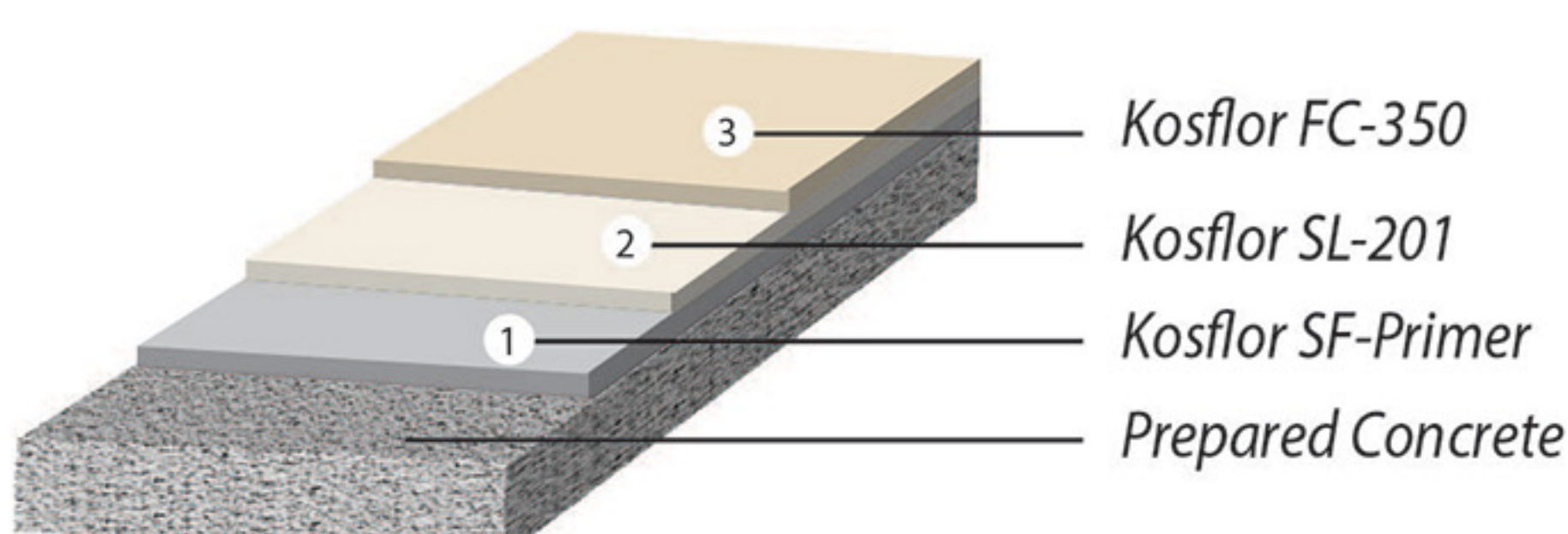


ODOURLESS

## KOSFLOR SLF-1090

### 1-3mm Thick Solvent Free Self Smoothing Epoxy Floor System with UV PU Coating Finish

A medium duty applications in all industries for both interior manufacturing areas in pharmaceutical plants, car parks, service centre, show room, etc.



\*Semi Gloss / High Gloss

\*Typical thickness : 1-3mm



GLOSSY



UV RESISTANCE



MOISTURE TOLERANT



CHEMICAL RESISTANCE



ANTI-MICROBIAL

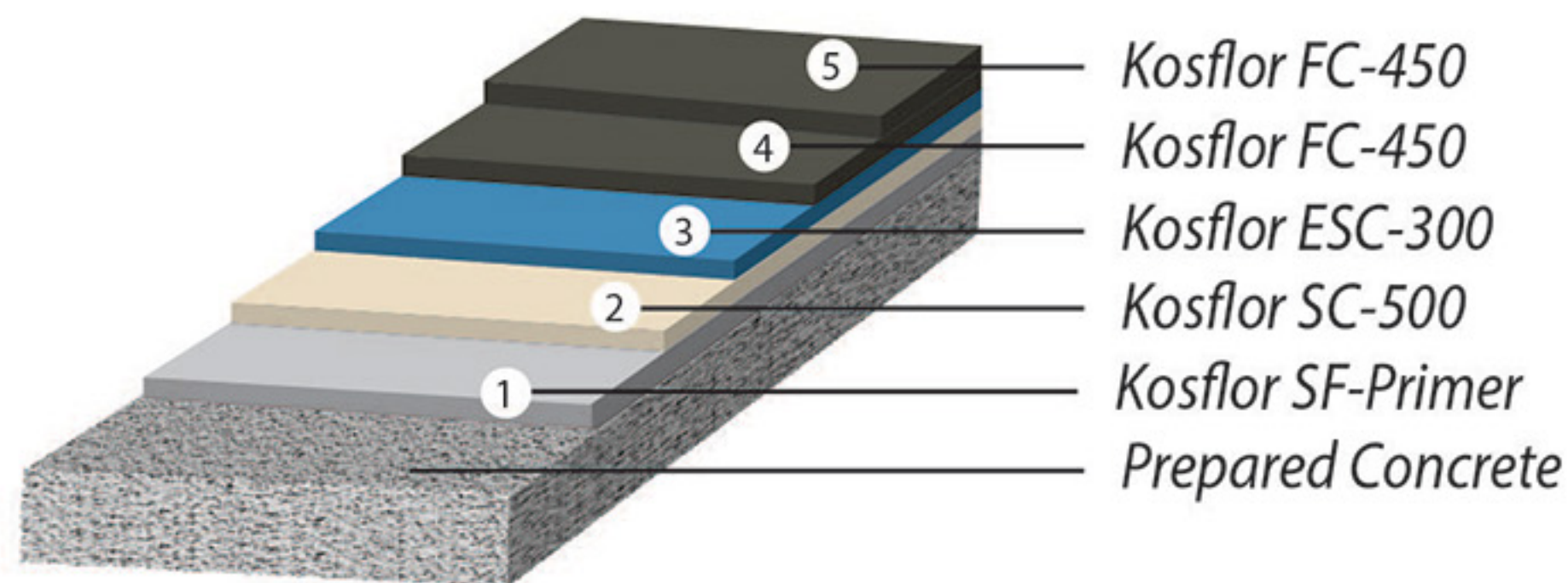


# HEAVY DUTY

## KOSFLOR MTR-5020

### 5mm Epoxy Mortar with Epoxy Coating Flooring System

A heavy duty floor system in all industries; examples are car parks, work platforms, ramps, chemical processing plants, plating plants, printing and packaging, electronics and computer manufacturing plants, wafer fabrication plants and pulp and paper mills.



\*High Gloss

\*Typical thickness : 5mm



GLOSSY



CRACK BRIDGING & WATER PROOFING



CHEMICAL RESISTANCE



ANTI-MICROBIAL

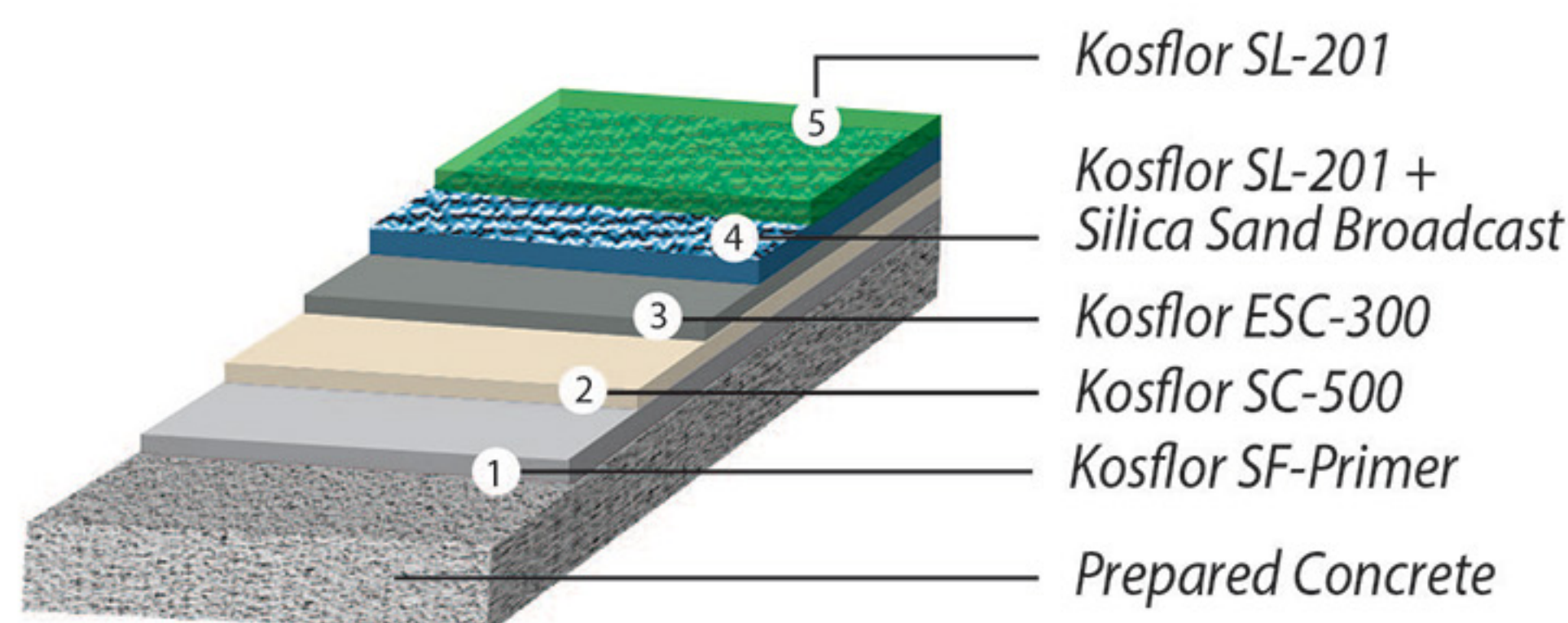


ABRASION RESISTANCE

## KOSFLOR MTR-5021

### 5mm Epoxy Mortar with Nonslip Textured Finish Epoxy Flooring System

A heavy duty applications in all industries; examples are car parks, work platforms, ramps, wet food and beverage manufacturing plants, chemical processing plants, plating plants, printing and packaging, electronics plants



\*Anti-Slip

\*Typical thickness : 5mm



ANTI-SLIP



DURABLE



CHEMICAL RESISTANCE



CRACK BRIDGING & WATER PROOFING

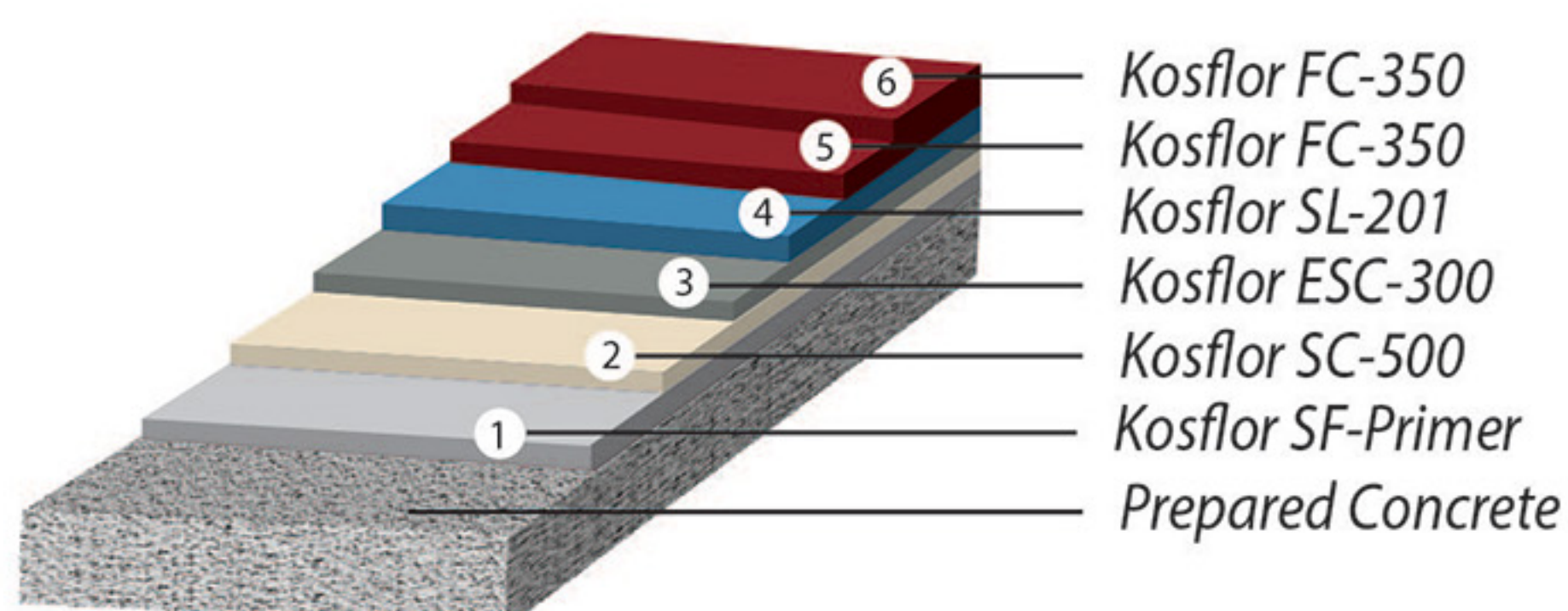


ABRASION RESISTANCE

## KOSFLOR MTR-5090

### 5mm Thick Epoxy Mortar Moisture Barrier Heavy Duty with Polyurethane Smooth Finish

A Heavy duty use in interior and exterior, heavy traffic areas in all industries for manufacturing, packing and warehouse areas, car show room, service centre and car parks



\*High Gloss

\*Typical thickness : 5mm



GLOSSY



DURABLE



CHEMICAL RESISTANCE



UV RESISTANCE



CRACK BRIDGING & WATER PROOFING



ABRASION RESISTANCE





## **KOSSAN PAINT (M) SDN BHD**

### **KOSSAN PAINT MARKETING SDN BHD**

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