



INDUSTRIAL FLOORING EXPERT

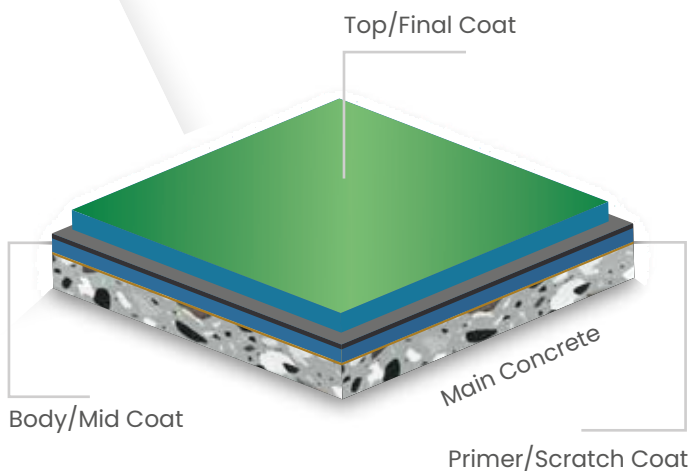


DUCRETE FLOORING SYSTEMS

Ducrete MF Polyurethane (PU) Industrial Flooring System

Dupoxy SL Expoy (Self Leveling) Industrial Flooring System

Dutop 100 Dry Shake Industrial Floor Hardener



<https://polymer.duconchemical.com>

DPE

Ducon Polymer Flooring

Technical Cooperation With

VIACOR

inventive polymers

DUCRETE *FLOORING SYSTEMS*

Ducrete MF industrial flooring is a unique suite of products offering a wide range of surface profile and performance specifications. These systems have an exceptional resistance to aggressive chemicals, heavy impact and thermal shock. Thousands of satisfied local and multinational clients, in countries on all continents and in all industries over more than 30 years attest to Ducrete MF floorings ability to provide long term, problem free and therefore, cost effective flooring protection in the most difficult environments. Without doubt, PU is the flooring system of choice for discerning end users, specifiers, suppliers and contractors worldwide. It also called Resin flooring. We are providing this toughest flooring solution as a best contractor and pioneer in Malaysia and abroad.

Extremely resistant Ducrete Flooring systems which can tolerate (almost) anything

DUCRETE FLOORING SYSTEMS offer various benefits



SYSTEM BENEFITS

- Hygienic, impervious to water even under permanently wet conditions
- Does not transfer smell of taste
- Extremely high thermal resistance
- Very hard wearing, high impact strength, durable
- Excellent chemical resistance
- Silk/mat finish, smooth to slip resistant surface
- Reduces dust and pore free
- Easy to clean
- Short cure time, ideal for renovation
- Resistant to rising damp
- Available in a range of colors

1 | Hygienic and Safe Surface Finish

Food safety has become a major concern among consumers, food serving & catering, healthcare agencies, airports, schools and other sectors. The consequences for not meeting these requirements are serious including meeting the very real threats posed by a potential foodborne illness. PU industrial flooring are non-biodegradable and will not support bacterial or fungal growth. It provides a hygienic and safe environment in the factory operation. PU industrial flooring contains reactive antimicrobial additives that can eliminate up to 99.9% of the bacteria and microbial and is used throughout the food and beverage and even in pharmaceutical industry in any environment where the highest standard of hygiene is required.

2 | Slip Resistance

In wet process areas the appropriate surface profile is essential to provide a safe and efficient working environment. Minimizing of slips, trips and falls requires a holistic approach. Engineering solutions or the change of work practices and procedures may be required, as well as looking at the effect of cleaning and footwear. PU industrial floorings offer a range of surface profiles from smooth to highly slip-resistant: various surface finishes which provide options to meet different working environments in the industries.

3 Thermal Shock Resistance

It is known that in extreme thermal shock environments a well designed flooring system in high quality is required; especially in situations subject to continuous thermal treatment. PU heavy duty industrial flooring could withstand temperatures up to 120°C or higher depending on application thickness. The specialised filler composition of PU industrial floors enables them to withstand high temperatures and extreme thermal shock conditions including routine and regular discharges of boiling water and steam cleaning. PU can offer wide range of service temperatures and has high thermal resistance to cyclic freeze, thaw and high temperature cleaning regime.

4 Chemical Resistance

PU industrial floorings have excellent resistance to a wide range of chemicals including many organic acids and solvents that will rapidly degrade other types of resin flooring. PU industrial floorings are designed to resist the commonly encountered food chemicals such as Acetic acid, Lactic acid, Oleic acid of vegetable and animal fats widely occurred in the food industry.

5 Non Tainting

PU industrial floorings are solvent free and have very low VOC which would not taint in the production.

6 Cleaning & Maintenance

PU provides a non-staining finish and easy to clean surface. PU requires low maintenance regime and offer cost saving to the user in the long run.



SECTORS

Hospitals

Kitchen

Warehouse

Engineering

Chemicals

Hotel

Pharmaceuticals

Garments

Textiles

Cafeteria

Spinning

& Manywhere

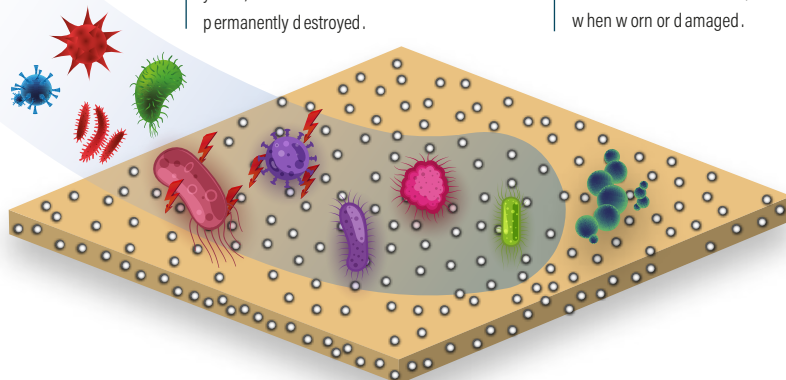
Ducrete's reactive antimicrobial behavior:

Surface of the floor is attacked permanently by ion positive and ion negative bacteria or viruses!

PU systems release a constant stream of ions that attack bacteria on first contact.

Up to 99.9% of all surface yeasts, moulds or bacteria are permanently destroyed.

The technology remains active for the lifetime of the floor, even when worn or damaged.



DUPOXY *FLOORING SYSTEMS*

Dupoxy SL flooring system is ideal for situations where the flooring will be required to have a high level of aesthetic appeal as well as abrasion resistance and durability. Epoxy flooring is an extremely durable and hard wearing flooring that offers a number of benefits, which makes it ideal for everything from commercial and industrial applications. Dupoxy system having two different parts. One is two components primer named Duprime 200 and another one is 3 or 4 components Dupoxy SL for top coat final application.

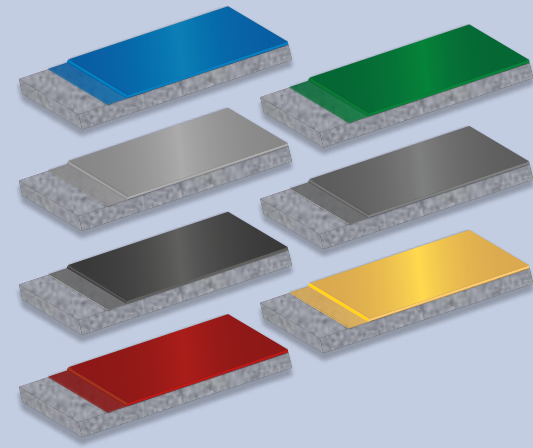


SYSTEM BENEFITS

- Durable and Glossy
- Reduces Damage To Machinery
- Attractive Floor Surface
- Safe Working Environment
- Fast Application
- Easy To Clean
- Environmentally Friendly
- Cost Effective
- Hard Wearing, Long Lasting
- Chemical Resistance
- Impermeable, Seamless



Technical and application support



Application



Tried and tested system



DUTOP *FLOOR HARDENER*

Dutop 100 is powder made by Portland cement, graded mineral dried aggregates, polymer & additives. Dutop 100 use as dry shake floor hardener over freshly applied concrete floor. Its apply on fresh concrete to improved abrasion resistance, strength and impact resistance.

Dutop 100 is to be applied to a surface, which is neither too wet nor dry. Recommended time period is 30 - 40 minutes at the temperature of 35-40°C, after the base concrete has hardened enough to leaves light foot prints of about 3-6 mm concrete should have a wet sheen.

Easy application *Dust resistance*
Increases Strength *Dense surface*
Abrasion & high impact resistance



DPE
Ducon Polymer Flooring

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