



# Modern Flooring Systems



expertise



quality



full range





## About Us

**Don Construction Products (DCP)** has accumulated over 85 years of experience in developing, manufacturing and marketing innovative construction materials. DCP has operations in Europe, Africa, Middle East and Asia, with 15 manufacturing locations and a distribution network to over 25 countries.



## DCP Timeline

- 1927 Company set up as Akis Chemicals Company Ltd., in Doncaster, UK.
- 1928 Company merged with Francois Chemicals Ltd.
- 1986 Management buyout and the company rebranded as Don Construction Chemicals.
- 1997 F. Ball and Co. Ltd., UK's leading manufacturer of flooring adhesives and floor preparation materials acquired Don Construction Chemicals and renamed the company as Don Construction Products (DCP).
- 2000 G.R.A.B. Resins of the UK, a 1995 F. Ball and Co. Ltd. acquisition, is integrated into DCP.
- 2005 DCP signed a license agreement with Ayla Construction Chemicals for the Middle East.
- 2010 DCP acquired Ayla Construction Chemicals in the Middle East.
- 2013 Backward integration into 2<sup>nd</sup> Generation Concrete Admixtures.
- 2014 Backward integration into 3<sup>rd</sup> and 4<sup>th</sup> Generation Concrete Admixtures.
- 2016 Backward integration into Polyurethane Polymerisation.





## DCP flooring systems product range includes:

### Epoxy

The epoxy range is hard-wearing, dimensionally stable and decorative. It provides surfaces that are hygienic, easily cleanable and resistant to chemical spillage, with excellent adhesion and slip resistant options.

### Polyurethane

The polyurethane range is hard-wearing, non-tainting, UV stable, flexible, decorative, and has excellent adhesion. It offers resistance to chemical spillage, different options for slip resistance and steam-cleaning ability for certain products.

### MMA

The MMA range provides very fast installation and curing. It is UV stable and decorative, with slip resistant options available and suitable for application at very low temperatures.

### Cementitious based flooring

The cementitious based flooring product range is suitable for new-build and refurbishment projects. It is economical and compatible with a wide range of floor substrates. It also offers self-levelling options that are fast drying, available in a range of colours and can be used as a final floor finish subject to traffic.

### Dry shakes hardeners & stamped concrete

Dry shakes hardeners and stamped concrete product ranges can be used as monolithic flooring, and demonstrate improved abrasion resistance, low maintenance and impact resistance. These products also reduce surface dust, and are available in a range of colours.

### Curing compounds, liquid hardeners & sealers

These products can improve concrete's curing process resulting in better surface properties. They can also reduce dusting and where sealers are concerned, reduce surface absorption.





# Surface Preparation Procedure



In order to achieve the best performance of a flooring system, a good bond with the substrate is essential. The below instructions will ensure an adequate bond with the substrate and help improve surface finish:

## Substrate Preparation

The substrate must be sound, clean and free from contamination.

Concrete substrates should be fully cured, and achieve the following properties:

- Compressive strength: minimum of 25 MPa.
- Pull-off strength: minimum of 1.5 MPa.
- Moisture content: maximum of 4%, or relative humidity to be a maximum of 75%.

If the above requirements are not met, contact the DCP Technical Department.

## Surface Preparation

**1- Oils:** concrete surfaces that contain minor oil contaminated patches, must be degreased either by torching, using degreasing products or any other suitable method which ensures the surface to be free from any oil traces. If the surface is contaminated with oil or grease, contact the DCP Technical Department for proper evaluation.



**2- Profile:** concrete surfaces must be sound, laitance-free, and rough with no irregularities to receive the final flooring, this can be done either:

- Mechanically: grit blasting, surface profiling equipment, grinding or other suitable methods.
- Acid Etching (consult DCP Technical Department).



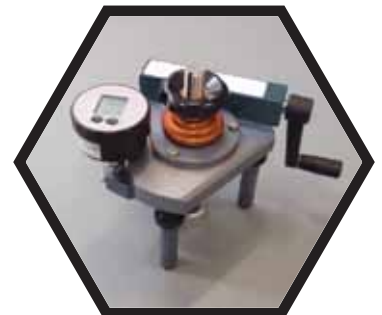
**3- Repair:** surface defects such as voids and blowholes should be repaired before application, consult DCP Technical Department for the best repair material.



**4- Cleaning:** surfaces must be free of any dust or loose particles. Use suitable methods like vacuuming or sweeping.



**5- Testing:** apply a small test area before actual application to check for any problems with the surface preparation.





# Epoxy Based Flooring Systems

DCP's Strongcoat epoxy flooring systems are suitable for a wide range of applications from refurbishment to new floors. DCP's Strongcoat products can be available as coatings, self-levelling products and screeds, with anti-slip finish options.

At DCP we have developed a wide range of epoxy based systems that are hard-wearing and chemical resistant. They are designed to ensure needs are met for the most lightly trafficked to the most heavily trafficked areas.

Our Strongcoat epoxy based range delivers seamless easy to clean floor surfaces which are hygienic and tough, while meeting the widest range of construction and user needs.

## DCP's Strongcoat range of epoxy resin floorings is highly comprehensive and comes in a range of colours. It includes:

- **Strongcoat DPM:** two component solvent-free epoxy based damp-proof membrane primer that can be used in situations where the substrate's relative humidity level is above 75%.
- **Strongcoat Primer:** two component solvent-free epoxy primer.
- **Strongcoat Primer S:** two component solvent based epoxy primer.
- **Strongcoat WD:** water based epoxy coating for floors and walls, to give a seamless, hygienic finish. Available in a range of colours including clear colour.
- **Strongcoat EC10:** hard wearing solvent based semi-gloss epoxy coating for floors, walls and ceilings in a choice of attractive colours.
- **Strongcoat EC50:** high thickness solvent based epoxy coating with high chemical and abrasion resistance.
- **Strongcoat HB/400:** high build, solvent-free epoxy coating, designed to provide a hard-wearing, glossy floor surface with excellent chemical resistance.
- **Strongcoat SL1/SL2/SL4:** hard wearing, solvent-free, epoxy based self-levelling toppings.
- **Strongcoat SLW:** hard wearing, water based damp tolerant self-levelling epoxy topping.
- **Strongcoat Topping & Topping T:** solvent-free, epoxy-based trowel applied topping for a hygienic and extremely hard wearing surface, with excellent impact resistance.
- **Strongcoat Conductive:** 2 mm self-levelling epoxy topping with conductive properties offering resistance between  $5 \times 10^4$  and  $1 \times 10^6$  ohms. Suitable for hospitals and electronic manufacturing facilities.
- **Strongcoat Dissipative:** 2 mm self-levelling epoxy topping with dissipative properties offering resistance between  $5 \times 10^6$  and  $1 \times 10^9$  ohms. Suitable for hospitals and electronic manufacturing facilities.
- **Strongcoat Decofloor:** cosmetically unique, bright pearlescent metallic, decorative epoxy flooring system, with outstanding customization properties that allows for numerous finishes so each floor is unique.

Product Type	Product Name	Corridors	Dairies	Distribution	Electronics	Factories	Food Preparation*	Freezers	Garages**	Hospitals	Hotels	Production	Retail & Commercial	Showrooms	Store Rooms	Warehouses
Primers	Strongcoat DPM	●	●	●		●	●		●	●	●	●	●	●	●	●
	Strongcoat Primer/S	●	●	●	●	●	●		●	●	●	●	●	●	●	●
Floor coatings	Strongcoat WD	●				●			●		●	●	●	●	●	●
	Strongcoat EC10	●				●	●		●		●	●	●	●	●	●
	Strongcoat EC50	●				●	●		●		●	●	●	●	●	●
High build floor coatings	Strongcoat HB/400	●		●		●	●			●	●	●	●	●	●	●
Flow applied (self-levelling) floorings	Strongcoat SL1/SL2/SL4										●		●	●		
	Strongcoat SLW						●				●		●	●		
Resin screed floorings	Strongcoat Topping / T			●			●	●			●	●	●	●	●	●
Special flooring systems	Strongcoat Conductive/Dissipative				●	●										
	Strongcoat Decofloor	●							●		●		●	●		

\* Food preparation refers to kitchens, coffee shops, etc... whereas for food processing plants, DCP's polyurethane and MMA ranges are recommended.

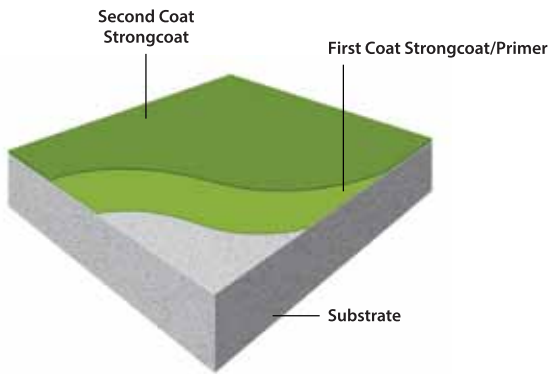
\*\* Domestic garages

Note: application tables are based on the most suitable and economical products for each application area. For more information, contact the DCP Technical Department.

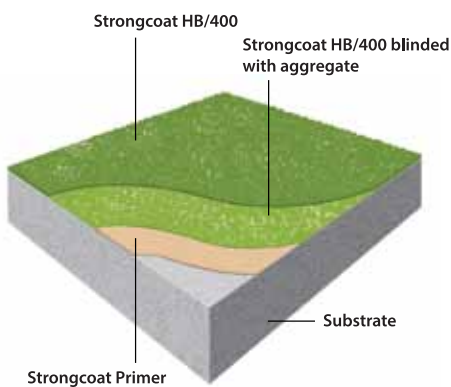
## Key Features and Benefits

Hard-wearing, easy clean, hygienic surfaces, resistant to chemical spillage with slip resistant finishes available.

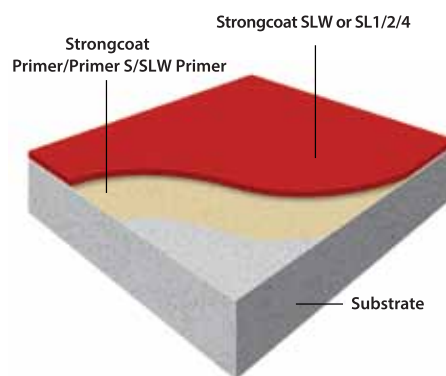
### SMOOTH FLOOR COATINGS



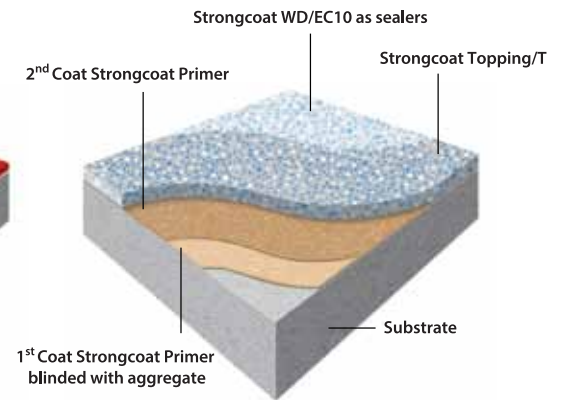
### ANTISLIP FLOOR COATING



### FLOW APPLIED (SELF-LEVELLING) FLOORINGS



### RESIN SCREED FLOORINGS



### FLOOR COATINGS

#### Water Based System (Roll applied)

Thickness range: (130 - 150 microns DFT)  
1- Strongcoat WD (2 coats)

#### Solvent Based System (Roll applied)

Thickness range: (220 - 310 microns DFT)  
1- Strongcoat EC10 (1 or 2 coats)  
2- Strongcoat EC50 (1 coat)

#### Solvent-Free System (Roll applied)

##### Smooth finish

Thickness range: (500 - 600 microns DFT)  
1- Strongcoat Primer  
2- Strongcoat HB/400 (2 coats)

#### Solvent-Free System (Roll applied)

##### Antislip finish

Thickness range: (1.25 - 2.0 mm DFT)  
1- Strongcoat Primer  
2- Strongcoat HB/400  
3- Antislip Aggregate (2 - 3 kg)  
4- Strongcoat HB/400

### FLOW APPLIED (SELF-LEVELLING) FLOORINGS

#### Water Based System (Self-levelling)

Thickness range: (0.5 - 1.5 mm DFT)  
1- Strongcoat SLW Primer  
2- Strongcoat SLW

#### Solvent-Free Systems (Self-levelling)

Thickness range: (0.5 - 1.5 mm DFT)  
1- Strongcoat Primer/S  
2- Strongcoat SL1  
Thickness range: (1.5 - 3.5 mm DFT)  
1- Strongcoat Primer/S  
2- Strongcoat SL2  
Thickness range: (3.5 - 6 mm DFT)  
1- Strongcoat Primer/S  
2- Strongcoat SL4

### RESIN SCREED FLOORINGS

#### Solvent-Free Systems (Trowel applied)

Thickness range: (minimum 3.5 mm DFT)  
1- Strongcoat Primer  
2- Antislip Aggregate (0.5 kg)  
3- Strongcoat Primer  
4- Strongcoat Topping T  
5- Strongcoat WD/EC10 as sealers

Thickness range: (minimum 5.5 mm DFT)

1- Strongcoat Primer  
2- Antislip Aggregate (0.5 kg)  
3- Strongcoat Primer  
4- Strongcoat Topping  
5- Strongcoat WD/EC10 as sealers



# Polyurethane Flooring Systems

**DCP's Griptop Range of polyurethane self-levelling and trowel applied screeds presents outstanding flooring technology when exceptional resistance and reliability are paramount.**

Griptop floor coverings present excellent resistance to chemicals. In addition, the range has been developed with inherent non-tainting characteristics which make it an ideal solution in food processing and preparation areas.

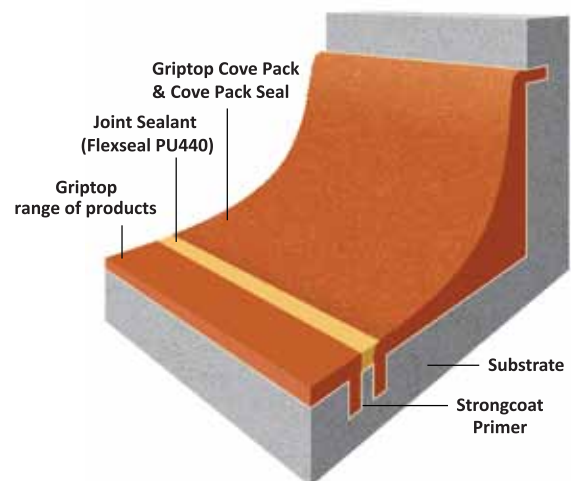
Where the highest levels of hygiene are essential, Griptop HD is able to provide steam clean resistance.

The range is designed to withstand light to heavy traffic of both pedestrians and vehicles.

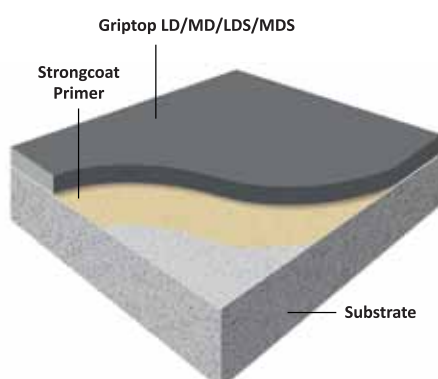
## DCP's range of polyurethane flooring products includes:

- **Griptop LD/MD:** water based polyurethane toppings that provide seamless, hygienic and cosmetically attractive matte finish.
- **Griptop LDS/MDS:** solvent-free polyurethane toppings that provide seamless, hygienic and cosmetically attractive gloss finish.
- **Griptop HD:** 6 - 9 mm trowel applied polyurethane topping that provides a seamless, hygienic and slip resistant finish. Suitable for food and chemical processing areas. Griptop HD is tough and hard wearing making it suitable for heavily trafficked areas.
- **Griptop TF:** 5 - 9 mm trowel applied solvent-free epoxy modified polyurethane topping for a hygienic and cosmetically attractive finish suitable for food and chemical processing areas and heavily trafficked areas. Griptop TF can withstand cold temperatures down to -40 °C.
- **Griptop Cove Pack:** solvent-free polyurethane based material which forms a coving between wall and floor surfaces.
- **Griptop Cove Pack Seal:** polyurethane coating for use in conjunction with Griptop Cove Pack to provide a coloured seamless hygienic wall and floor finish.
- **Griptop AntiStatic:** water based polyurethane topping with anti-static properties, offering resistance between  $1 \times 10^4$  to  $1 \times 10^8$  ohms.
- **Griptop AntiStatic Plus:** water based polyurethane topping with anti-static properties, offering resistance between  $1 \times 10^4$  to  $1 \times 10^8$  ohms.

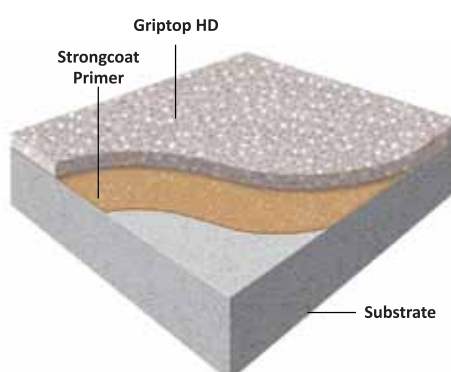
## COVING SYSTEM



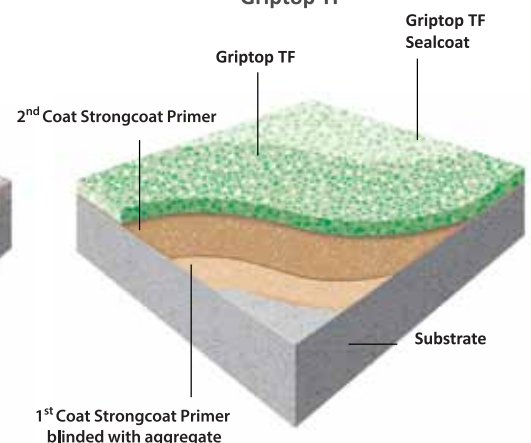
## SELF-LEVELLING SCREEDS



## TROWEL APPLIED SCREED Griptop HD



## TROWEL APPLIED SCREED Griptop TF





## Key Features and Benefits

Hard-wearing, non-tainting, UV stable and flexible. Resistant to chemical spillage, with options available for slip resistance, steam-cleaning ability and anti-static floors.



Product Type	Product Name	Dairies	Electronics	Factories/Production	Food Preparation/Processing	Freezers	Heavy industry factories	Hospitals	Laboratories
Flow applied (self-levelling) floorings	Griptop LD/MD	●		●	●			●	●
	Griptop LDS/MDS	●		●	●			●	●
Resin screed floorings	Griptop HD	●		●	●	●	●	●	●
	Griptop TF	●		●	●	●	●	●	●
Coving system	Griptop Cove Pack	●		●	●	●	●	●	●
	Griptop Cove Pack Seal	●		●	●	●	●	●	●
Special flooring systems	Griptop AntiStatic		●						
	Griptop AntiStatic Plus		●						

Note: application tables are based on the most suitable and economical products for each application area. For more information, contact the DCP Technical Department.





# MMA Flooring Systems

## Key Features and Benefits

Fast installation and cure. Suitable for application at very low temperatures. UV stable with slip resistant options available.

Based on Methylmethacrylate, the DCP Quicktop Range of products are designed as a fast-track solution where time is a critical factor.

Quicktop systems produce seamless flooring with high impact and chemical resistance. Finished floors are durable as well as being hardwearing and hygienic.

Available in a range of colours and finishes, Quicktop can be self-levelling or applied as a broadcast system with flakes and aggregates to give an attractive finish.

### Applications:

- Car parks
- Corridors
- Dairies
- Distribution centres
- Factories
- Food preparation
- Garages
- Hospitals
- Hotels
- Laboratories
- Production areas
- Retail & commercial buildings
- Showrooms

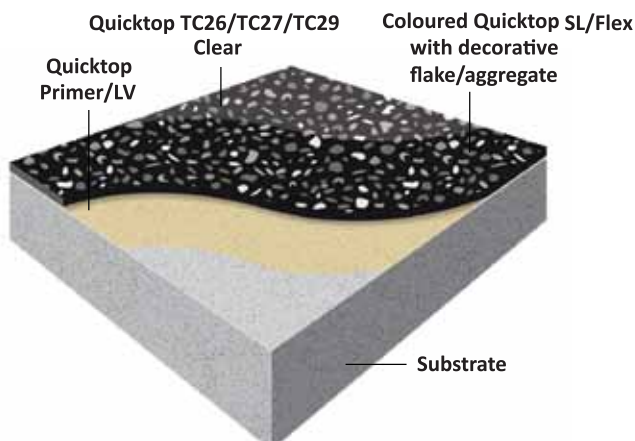
### The range features:

- **Quicktop Primer:** fast cure two component acrylic primer for concrete and cement screeds.
- **Quicktop Primer LV:** fast cure two component low viscous acrylic primer for concrete and cement screeds.
- **Quicktop SL/Flex:** fast cure two component MMA based self-levelling screeds and leveling mortars.
- **Quicktop TC26:** fast cure two component acrylic topcoat for MMA based flooring system for industrial and commercial floor applications in wet areas.
- **Quicktop TC27:** fast cure two component acrylic topcoat for MMA based flooring system for industrial and commercial floor applications in dry areas.
- **Quicktop TC29:** flexible fast cure two component acrylic topcoat for MMA based flooring system for indoor and outdoor industrial and commercial floor applications. It is extremely elastic and can be used in cold storage rooms and freezers.

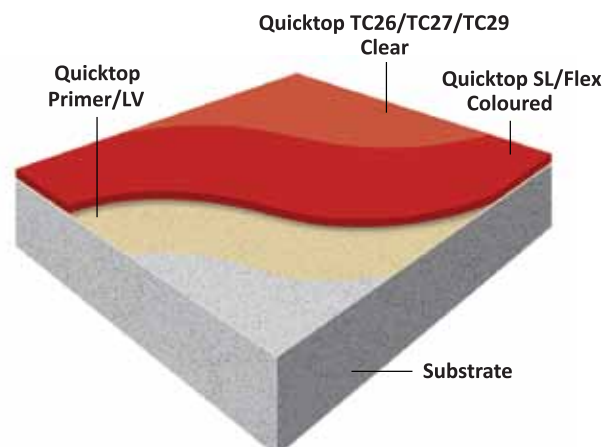
### Product systems:

- **Products suitable for wet areas indoor use. Semi-hard wearing:**
  - 1- Quicktop Primer/LV
  - 2- Quicktop SL
  - 3- Broadcast quartz sand
  - 4- Quicktop TC26
- **Products suitable for dry areas indoor use. Hard wearing:**
  - 1- Quicktop Primer/LV
  - 2- Quicktop SL
  - 3- Optional: broadcast decorative flakes
  - 4- Quicktop TC27
- **Products suitable for indoor and outdoor use, cold storage rooms and freezers. Flexible:**
  - 1- Quicktop Primer/LV
  - 2- Quicktop SL Flex
  - 3- Broadcast coloured sand
  - 4- Quicktop TC29

### COLOURED & BROADCAST SELF-LEVELLING SYSTEM



### COLOURED SELF-LEVELLING SYSTEM





# Marine Flooring Systems

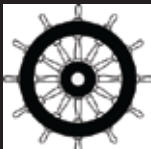
Over the years, DCP has built an excellent reputation in the specialised field of marine flooring. Its marine systems have been developed over many years with successful installations in vessels and offshore platforms.



## Fildek 405:

solvent-free, flexible, high build, epoxy coating. It is resistant to weathering and provides a tough, waterproof membrane with crack bridging properties.

This high performance, Wheelmark approved product features solvent-free technology.

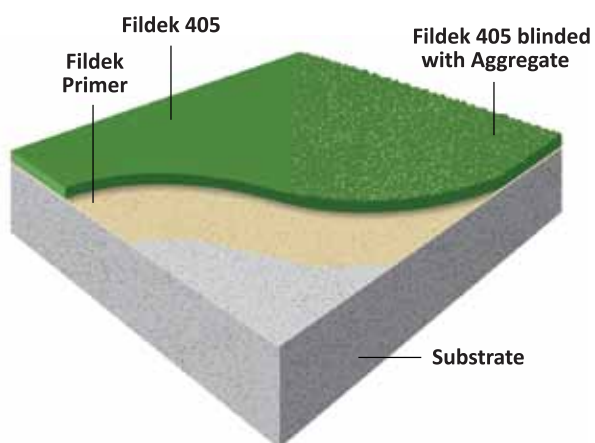


Tested in accordance with IMO standards and approved for use in marine floor applications by DNV.

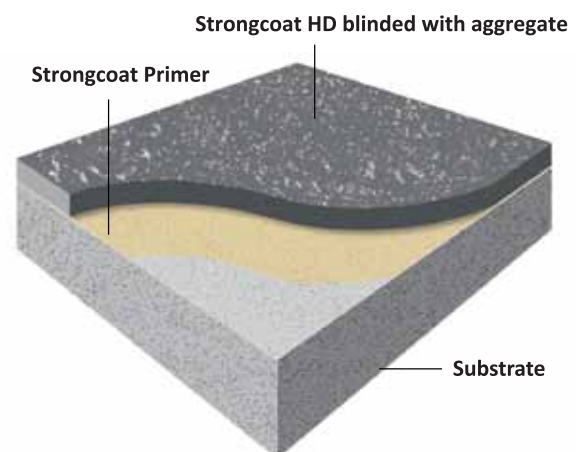
## Strongcoat HD:

durable, flexible and waterproof heavy duty, anti-skid tar extended epoxy flooring system with a wide range of uses including offshore and marine environments.

### Fildek 405



### Strongcoat HD





# Car Park Decking Systems



DCP has developed a comprehensive range of car park decking systems. These highly durable surface coverings have been developed to withstand petrol, diesel, brake fluid, oils, battery acid and de-icing salts.

Our highly durable surfaces are also skid and slip resistant. In addition, DCP's range provides an enhanced environment with attractive colours to improve the overall parking experience.

## Gripdeck Car Park Decking Systems:

modern polyurethane based systems suitable for the most demanding situations, in both new and refurbished car parks. Standard and UV resistant options are available for indoor and outdoor parking areas:

### Gripdeck EW System:

high build, solvent-free, slip resistant and highly flexible polyurethane vehicle decking system. Gripdeck EW has many advantages, including waterproof and crack-bridging properties, making it ideal for use as a car park decking system for building roofs, preventing water ingress, and bridging thermal cracks.

**Thickness range:**

Antislip finish: 1.90 - 2.40 mm DFT

### Gripdeck AJ System:

medium build, hardwearing and flexible polyurethane vehicle decking system. Available in a slip resistant finish.

**Thickness range:**

Smooth finish: 0.60 - 0.70 mm DFT

Antislip finish: 0.90 - 1.60 mm DFT

### Gripdeck PU100 System:

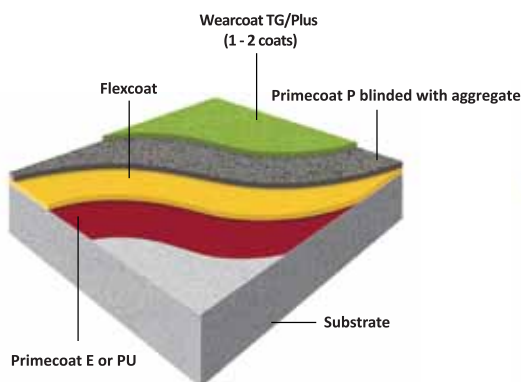
hardwearing, flexible, polyurethane vehicle decking system, which is available in a slip resistant finish.

**Thickness range:**

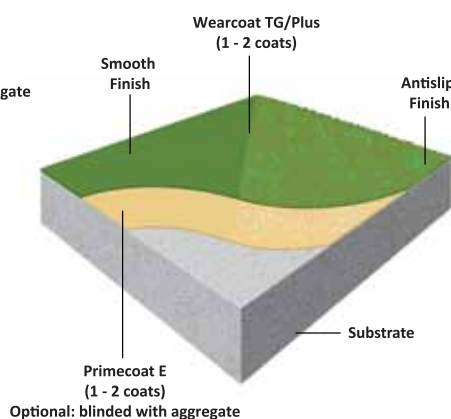
Smooth finish: 0.30 - 0.50 mm DFT

Antislip finish: 1.50 - 2.00 mm DFT

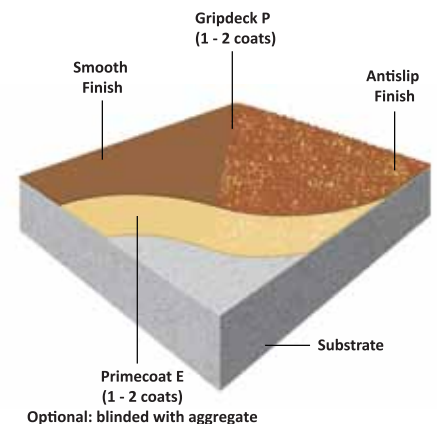
Gripdeck EW



Gripdeck AJ



Gripdeck PU100





## Strongcoat Car Park Decking Systems:

epoxy based decking systems with excellent resistance to petrol, diesel, brake fluid, oils, battery acid and de-icing salts. Strongcoat products can be applied in different combinations for low, medium and heavy duty traffic:

### Strongcoat LC System:

a system for low duty areas, with the following components:

- 1- Strongcoat EC10 as primer (1 coat)
- 2- Strongcoat EC50 (1 coat)
- 3- Strongcoat EC50 (1 coat)

Thickness range:

Smooth finish: 0.40 - 0.55 mm DFT

### Strongcoat MC System:

a system for medium duty areas, with the following components:

- 1- Strongcoat EC10 as primer (1 coat)
- 2- Strongcoat EC50 (1 coat)
- 3- Strongcoat HB (1 coat)

Thickness range:

Smooth finish: 0.45 - 0.65 mm DFT

### Strongcoat HC System:

a system for heavy duty areas, with the following components:

- 1- Strongcoat EC10 as primer (1 coat)
- 2- Strongcoat HB (1 coat)
- 3- Strongcoat HB (1 coat)

Thickness range:

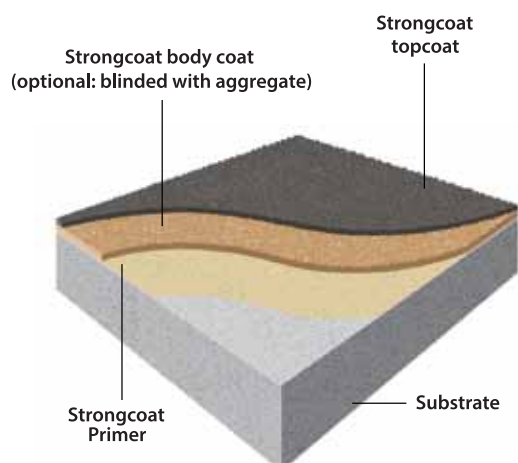
Smooth finish: 0.60 - 0.90 mm DFT

Antislip finish: 1.80 - 2.20 mm DFT

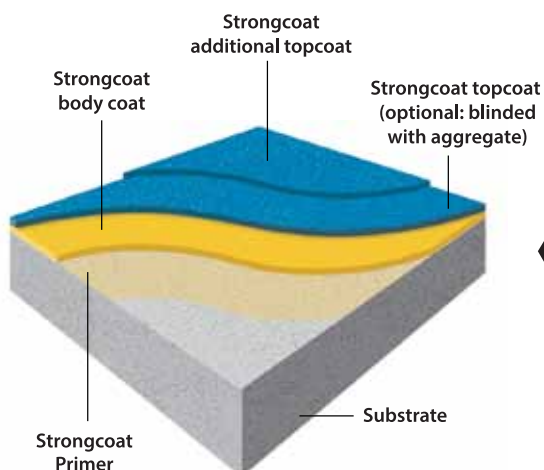
Notes:

- For ramps and turning areas, add an additional layer of the topcoat.

### TRAFFIC AIRES & PARKING BAYS



### RAMPS & TURNING AREAS





## Cementitious Based Flooring Systems

DCP's range of Cemflow flooring solutions offers a variety of standard and fast drying products. Cemflow products are highly versatile and can be used for new projects as well as for the refurbishment of existing structures and buildings where the floors are worn, damaged, have uneven surfaces or simply need an upgrade.

When time is at a premium, the **Cemflow** range is the ideal solution. It can be pump or hand applied, with options offering 'walk-on' hardness in as little as three hours (at 20 °C) after application.

**Cemflow** products are suitable for use over a wide range of subfloor types including sand/cement screeds, concrete, granolithic floors and terrazzo surfaces. It is also suitable to cover epoxy and polyurethane coatings as well as the **Strongcoat** surface damp-proof membrane, if such coatings are well bonded to the substrate.



### DCP's comprehensive range of cementitious-based flooring systems includes:

- **Cemflow Primer:** high quality clear, water based styrene acrylic copolymer primer, used to bond fresh concrete and cementitious systems to hardened concrete and masonry substrates.
- **Strongcoat Primer:** clear high performance solvent-free epoxy primer that can be used prior to cementitious floorings to improve adhesion.
- **Cemflow Base/S:** 5 - 50 mm thick section, easy to mix and apply standard curing floor topping suitable for internal new and existing concrete floors.  
*Complies with EN 13813, Class CT-C35-F5-AR1.*
- **Cemflow Topping/S:** 5 - 15 mm thick section, easy to mix and apply standard curing heavy duty floor topping suitable for internal new and existing concrete floors.  
*Complies with EN 13813, Class CT-C40-F10-AR0.5.*
- **Cemflow GP/GPU:** 1 - 10 mm thin section self-levelling underlayment.  
*Complies with EN 13813, Class CT-C30-F4-AR0.5.*
- **Cemflow TS200:** pre-bagged trowel applied 10 - 50 mm cement based levelling mortar and underlayment.  
*Complies with EN 13813, Class CT-C35-F6-AR1.*
- **Cemflow TS350:** pre-bagged trowel applied 10 - 50 mm cement based levelling mortar and heavy duty base underlayment.  
*Complies with EN 13813, Class CT-C60-F10-AR1.*

## Key Features and Benefits

Suitable for new construction and refurbishment projects. Fast drying options, self-levelling, economical and compatible with a wide range of subfloor types.



Product Type	Product Name	Corridors	Distribution	Factories	Food Preparation *	Garages**	Hospitals	Hotels	Laboratories	Production	Retail & Commercial	Showrooms	Store Rooms	Yards/Loading Bays	Warehouses	Workshops
Primers	Cemflow Primer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Storngcoat Primer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Flow applied (self-levelling) floorings	Cemflow Base/S	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Cemflow Exterior Topping	●				●								●		●
	Cemflow Topping Pigmented							●			●	●				
	Cemflow Topping/S	●	●	●	●		●	●	●	●	●	●	●		●	●
	Cemflow GP/GPU	●					●	●			●	●	●			
Trowel applied screeds	Cemflow TS200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Cemflow TS350	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

\* Food preparation refers to kitchens, coffee shops, etc... whereas for food processing plants, DCP's polyurethane and MMA ranges are recommended.

\*\* Domestic garages

Note: application tables are based on the most suitable and economical products for each application area. For more information, contact the DCP Technical Department.



# Curing Compounds, Liquid Hardeners & Sealers



DCP has developed a series of curing compounds, liquid hardeners and floor sealers to provide effective products for a wide range of surface treatments.

The products provide excellent performance enhancement and long lasting results for a wide variety of situations.

## SOLVENT BASED

### Setseal A:

single component clear solvent based acrylic resin curing compound, hardener, sealer and dust-proofer.

Suitable for runways, roads, roof decks, retaining walls, irrigation canals, general floor slabs and columns, and high rise construction to effectively replace conventional water curing. Setseal A can be used with coloured cement based plasters to provide protection and an attractive semi-gloss finish.

### Monoseal:

high solids solvent based acrylic floor and wall hardener, sealer, dust-proofer and curing compound for exterior and interior concrete floors, decks, and masonry surfaces.

Ideal for use in warehouses, garages, car parks, industrial floors, driveways, sidewalks, walls and columns.

### Floor Protect S:

solvent based, non-film forming sealer that provides oil and water repellency, providing antistain protection for substrates from products like: grease, corn oil, coffee, soft drinks, ketchup, grape juice and others.

It can be used for substrates like: natural stone, concrete, cementitious floors and screeds, brick, tiles and other common construction materials.

## WATER BASED

### Monoseal WB:

high solids water based acrylic hardener, sealer, dust-proofer and curing compound for interior and exterior concrete floors, decks, and masonry surfaces.

Ideal for use in warehouses, garages, car parks, industrial floors, driveways, walkways, walls and columns.

### Sethard S/P/L:

clear, liquid surface hardener and dust-proofer, based on an aqueous solution of sodium silicate to reduce surface penetration, increase abrasion resistance and reduce surface dusting.

Suitable for new and old concrete and cementitious floors in factories, warehouses and garages.

### Antislip PUW:

clear, water based polyurethane sealer that provides floor surfaces with antislip properties along with a matte finish.

Suitable for use over internal smooth concrete, concrete screeds, wood, parquet, vinyl flooring, epoxy and polyurethane resin floor coatings. Can be used for internal areas such as kitchens, warehouses, hospitals, retail areas, and more.

### Antistain PUW:

clear, water based polyurethane sealer that preserves the colour of the substrate and provides floors with excellent resistance to staining.

Suitable as a topcoat for protection of self-levelling cementitious floors, self-levelling polyurethane floors, epoxy floors, as well as over industrial paint.

### Floor Protect W:

water based, non-film forming sealer that provides oil and water repellency, providing antistain protection for substrates from products like: grease, corn oil, coffee, soft drinks, ketchup, grape juice and others.

It can be used for substrates like: natural stone, concrete, cementitious floors and screeds, brick, tiles and other common construction materials.



DCP offers a wide range of surface treatment products, the following table can be used as a guide to select the right product. The table shows a comparison between the multi-functions of the curing compounds, sealers and hardeners available:



Product Name	Curing Compound	Hardener	Sealer
Setseal A	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★
Monoseal/WB	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★
Sethard S/P/L	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★
Antistain PUW	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★
Antislip PUW	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★
Floor Protect S/W	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★





# Dry Shakes and Compounds

## Key Features and Benefits

Economical, highest levels of abrasion resistance, low maintenance, and impact resistant.

DCP's Dry Shake systems and compounds have set an industry standard. Used worldwide in warehouses, factories and concrete platforms, they provide highly improved abrasion resistance to concrete floors with an attractive finish.

Dry shake hardeners are available in a range of colours, offer fast-track installation, with systems suitable for laying and floating by hand or machine. Dry shake hardeners can also be sealed with one of DCP's surface sealers for improved performance.

Hardener compounds are generally used for cases where higher surface hardness is required. The powder is supplied ready to use, requiring only mixing with water prior to application. Product is then applied as a wet on wet application to fresh concrete. The compounds offer very high abrasion resistance and hard-wearing surfaces.

	Car Parks	Dairies	Distribution	Factories	Garages*	Production	Retail & Commercial	Showrooms	Storerooms	Warehouses	Workshops
<b>Dryshakes</b>											
Tibmix	●	●	●	●	●	●	●	●	●	●	●
Monoshake/ST	●	●	●	●	●	●	●	●	●	●	●
Emerishake			●	●		●				●	●
<b>Compound</b>											
Duramix			●	●		●				●	●

\* Domestic garages

Note: application tables are based on the most suitable and economical products for each application area. For more information, contact the DCP Technical Department.

## The range features:

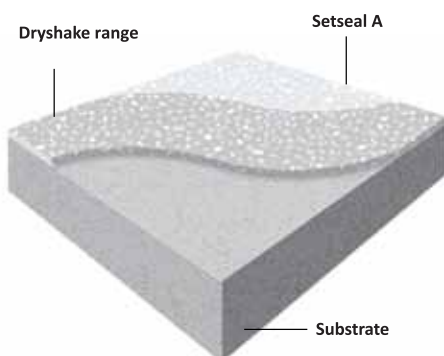
### DRYSHAKES

- **Tibmix:** non-oxidising, chemically inert, metallic dry shake floor topping for monolithic floors.
- **Monoshake:** pre-blended, quartz based topping producing a dense, tough, abrasion resistant surface suitable for most industrial applications.
- **Monoshake ST:** non-oxidising, chemically inert, metallic dry shake floor topping. It is based on synthetic and quartz aggregates, and produced a dense, tough and highly abrasion resistant surface.
- **Emerishake:** pre-blended floor hardener that provides an exceptionally hard abrasion resistant finish to concrete and screed floors.

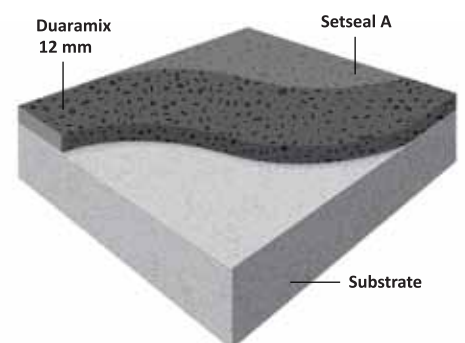
### COMPOUND

- **Duramix:** non-metallic very heavy duty floor hardener that is wet applied at 12 mm thickness over concrete floors to provide excellent abrasion and impact resistance.

#### DRYSHAKES



#### Duramix





# Stamped Concrete

In today's world, the demand for low-maintenance but aesthetically pleasing solutions has never been higher. DCP's Monotop stamped concrete range is the perfect answer.

The range offers a low maintenance, highly durable, decorative solution that is designed for both domestic and commercial use.



Stamped concrete is done by stamping and texturing fresh concrete to obtain unlimited colours and designs that replicate natural stone, brick, tiles and a wide range of floor finishes. The range includes several products that are used as a system to achieve the best performing floors.

### PP Fiber:

polypropylene fiber added to the concrete mix to inhibit the formation of cracks.

### Monorelease:

pre-mixed hydrophobic releasing powder blended with high quality pigments, that accentuate the base colour for a natural look.

### Monotop:

pre-mixed floor hardener blended with high quality pigments, that provide the base colour for the floor design.

### Monoseal:

easily applied acrylic floor sealer, hardener and curing compound which eliminates dusting, is resistant to oils and liquids, and is easy to clean.

**Applications:** suitable for driveways, patios and hard landscaping for a virtually maintenance free finish.

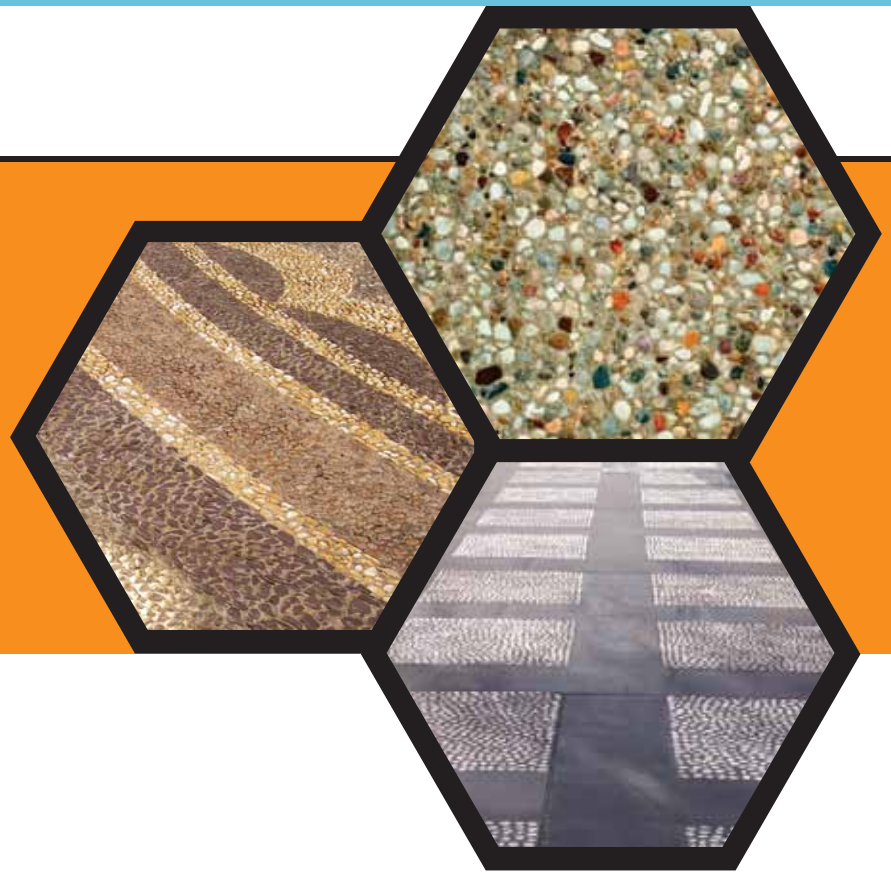




# Exposed Aggregates

Decorative architectural exposed aggregate finish is a perfect choice to achieve spectacular effects at a reasonable cost. DCP's surface retarders range is the perfect choice to produce exposed aggregates for precast or in-situ concrete surfaces.

DCP's Formcoat GSR range offers the possibility to attain different washing depths on both vertical and horizontal surfaces.



## Formcoat GSR/100/Colour:

water based surface retarding gels for both positive and negative concrete sections used to expose a wide range of aggregate sizes on the surface of concrete. Furthermore, they can be used to provide slip resistant surfaces and also as a mechanical key to improve the bond of subsequent coats or layers.

**Applications:** suitable for decorative sidewalks, walkways, driveways, patios, floor slabs, swimming pools, etc.




Formcoat GSR		Formcoat GSR100		Formcoat GSR Colour	
Dilution ratio by weight Formcoat GSR : Water	Penetration depth (mm) @ 0.15 ltr/m <sup>2</sup>	Dilution ratio by weight Formcoat GSR100 : Water	Penetration depth (mm) @ 0.15 ltr/m <sup>2</sup>	Colour	Penetration depth (mm)
Not to be diluted with water	8 - 10	1:5	0.5 - 1	Red	Acid Etch Finish
		1:4	1 - 1.5	Yellow	Sandblast Finish
		1:3	1.5 - 2	Green	5 - 10
		1:2	2.1 - 2.7	Grey	10 - 15
		1:1	2.8 - 3.2	Brown	15 - 20
		1:0	7 - 8		

Note: Penetration depths are approximate only. They should be adjusted based on site trials as depths will depend on the cement grade, water to cement ratio and aggregate mix and gradation. Also, penetration depths in white concrete will generally be lighter than grey concrete.



# About Us

## DCP Commitments

-  **Expertise** DCP provides exceptional level of expertise and support services both at the office and on site.
-  **Quality** All products are produced to comply with the best relevant international standards.
-  **Full Range** DCP offers a comprehensive range of products covering a wide range of civil and aesthetic requirements of construction projects.

## Full Product Range

The focus of our full product range below caters to our 4 core business units: Concrete & Cement Technology, Underground Construction Technology, Construction Projects Materials Technology and Building Finishing Products.



Concrete Admixtures



Surface Treatments



Grouts & Anchors



Concrete Repair



Flooring Systems



Protective Coatings



Sealants & Joints



Waterproofing



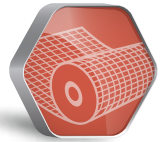
Adhesives



Tile Adhesives & Grouts



Building Finishing Products



Structural Strengthening





With more than 85 years of experience in the field, DCP has developed an extensive range of flooring products and solutions to meet a wide range of project demands including products that can be used for extreme environments and climatic conditions. DCP flooring systems range from the most advanced resin floors to high performance cementitious floors, along with a diverse range of hardeners, sealers and curing compounds that meet all the demands of the construction industry.

**DCP flooring solutions cover a variety of functions in a wide range of project types, including:**

- Industrial areas, factories and production areas
- Electronics and anti-static floors
- Food preparation and processing and dairies
- Freezers and cold storage rooms
- Car park decking and domestic garages
- Hospitals and laboratories
- Retail and commercial areas, showrooms and hotels
- Store rooms, warehouses, distribution areas, yards and loading bays
- Marine floorings in vessels and offshore platforms
- Residential areas, driveways, patios and hard landscaping







Operations in Europe, Africa, Middle East and Asia, with 15 manufacturing locations and a distribution network to over 25 countries.

