

DECKSHIELD - first impressions count



Exposed Decks



Internal Decks



Ramps



Walkways / Stairwells



Demarcation



Service Corridors

WELCOME TO FLOWCRETE - for the world at your feet

Flowcrete's commitment to exceptional design, technical support and advisory services from initial enquiry through to installation is at the heart of our business philosophy.

Our global success is driven by our commitment to excellence; excellence in products, excellence in service and excellence in people.

With manufacturing plants across Europe, the Americas, Asia and Africa, a global commercial and sales support team and the backing of a major multi-national manufacturing group, Flowcrete is well placed as the world's leading performance flooring designer and manufacturer to serve clients in their local markets.

Our fully trained and monitored global network of approved flooring contractors ensures your flooring project is in safe hands with Flowcrete.

Flowcrete Group Ltd.



Mark Greaves

Managing Director
Flowcrete Group Ltd



Westfield Shopping Centre, UK.

DECKSHIELD - car park protection

Flowcrete has an unrivalled global reputation for delivering world-class protective car park decking systems. Our unique, proven range of performance systems have been installed in parking structures for "Blue Chip" clients such as NCP, Westfield, InterContinental Hotel Group, Tesco and Marks & Spencer - and in landmark locations including Hong Kong, Bangkok, Kuala Lumpur and Dubai International Airports, Telstra Stadium Sydney and the Wynn Casino in Macau.

At Flowcrete, we are committed to transforming contemporary car park environments. Global clients, engineers, architects and developers are demanding high performance systems to avoid structural failure. As a technology driven manufacturer, Flowcrete is constantly developing new systems for both new build and refurbishment projects to deliver safer, more attractive and functional parking environments.

Our protective waterproof car park decking system, Deckshield, visually improves car parks, has a highly accredited fire rating and is exceptionally durable and hard-wearing. These qualities make it the product of choice for today's car parks, where first impressions count.

Flowcrete guarantees the in-situ performance of Deckshield; its credibility being verified by third party accredited testing. Deckshield is fully certified by the British Board of Agrément, is compliant to both BS and DIN and fully compliant to ASTM C957, bringing peace of mind to international clients, no matter where they may be.



FIRST IMPRESSIONS count

The car park is often the first point of call for a visitor to any public, private or commercial building. It is the "front door" of the building, while at the same time serving its essential primary functional role. There is no doubt that "first impressions count" and appearance, ease of use, signage, bright lighting and clear directional marking all help to make a car park a more positive and safer environment for the car owner.

By utilising the very best of protective coating systems on the internal structure of the car park, visual appearance can be enhanced, light reflectivity can be improved, traffic movement can be regulated and ongoing structural maintenance can be kept to an absolute minimum.

Car parks in the twenty first century have a crucial role to play. As the global population rises, multi-car ownership becomes increasingly the norm and as the growth in construction of commercial structures continues, more and more cars visit airport, retail malls, hotels, office blocks and public buildings on a daily basis - making that first impression count.



ENSURING structural integrity

Car parks, like no other structures, are subject to unique conditions which demand systems proven beyond doubt in the protection of multi-storey buildings that are subject to multi-traffic movement.

They demand protection throughout using products proven over time and in the most demanding of environments. Applied coatings, whether on the wall, deck or soffit must perform to meet the most stringent of criteria if they are to succeed in their primary function of car park protection. Non-protection of any car park, will inevitably lead to long term maintenance programmes, increased operations costs and in extreme cases, deck failure.

Through the very best in Research and Development, unrivalled product knowledge and time-proven products, Flowcrete offers cutting edge, technologically advanced solutions for protecting Car Park structures to minimise maintenance, and operational and life cycle costs associated with parking structures globally.

Backed by the support of a major multi-national manufacturing company and applied internationally by a network of Flowcrete trained and approved specialist applicators, Flowcrete decking systems are the product of choice for global car park protection.

TRANSFORMING CAR PARK

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Dubai International Airport, UAE.

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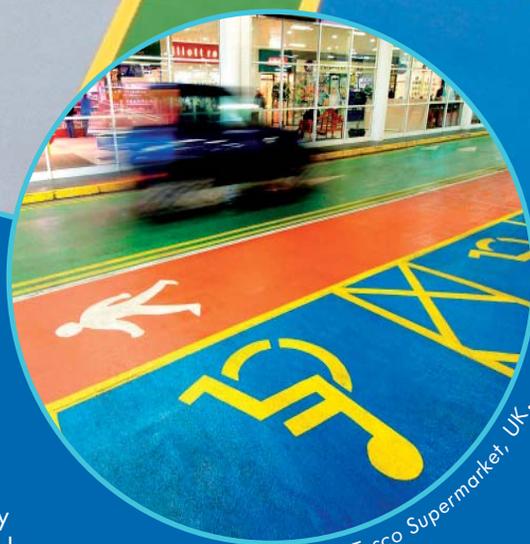
The very nature of the role of car parks demand that they are constructed with large clear spans with a minimum number of supporting columns, in order to achieve the maximum number of parked vehicles. This type of construction when subject to cyclical traffic flow inevitably leads to the structure being susceptible to flexing and movement, especially in conjunction with the cyclical load stresses applied by vehicles loading and unloading.

Often fully exposed to the environment, car parks are subject to high temperatures, extreme sunlight, UV exposure, low temperatures, freezing and thawing, high levels of rain and extreme temperature fluctuation. All of these, in isolation or in combination with airborne water, salts and chemicals impact negatively on the fabric of the structure, imposing dynamic stresses, which will inevitably lead to the early onset of corrosion, cracking of the host concrete and potential structural failure.

Left uncoated, the substrate concrete will be worn smooth, create a skid hazard - often exaggerated by the presence of water or air borne particles and be left to attack by the spillage of vehicle related chemicals; anti-freeze, battery acid, AC fluid, diesel, petrol and oil. And of course, we have all been in a car park and heard tyre squeal; a common form of noise pollution.

Pigmented resin coating systems such as Deckshield will transform a parking structure; protecting it over time whilst simultaneously brightening up the environment with the addition of colour, improving lighting levels through its reflective properties and enhancing the overall ambience of the car park making it a safer and brighter place for people to park.

Drovers Way (NCP), UK.



Tesco Supermarket, UK.

AIA Tower, Hong Kong.

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DECKSHIELD

first



impressions count

PROTECTION for all conditions

The Flowcrete range of car park protection systems has an unrivalled global track record. Whether in the fluctuating temperatures of Northern Europe, the severe heat of the Middle East, the tropical humidity of Asia, the extreme conditions in Australasia or the demanding Hong Kong market, Flowcrete have the solution to your car park project requirements.

InterContinental Hotel, Poland.

Flowcrete has completed projects at some of the world's leading international airports - Dubai, Kuala Lumpur, Bangkok and Heathrow, as well as major retail and commercial developments throughout the UK, Asia and Australasia. These examples are a resounding testament to the superior quality of Flowcrete's car park protection systems.

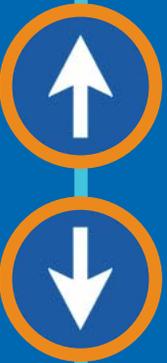
BMW, Malaysia.





Derby Hospital Helipad, UK.

BENEFITS OF deckshield



STRONG AND SAFE - Deckshield is exceptionally hard wearing, with high durability and abrasion resistance allowing it to stand up to heavy traffic, fuel and chemical spillages. With a variety of profiled anti-skid finishes available, Deckshield provides the safest solution under foot.

CREATIVE - Deckshield offers excellent aesthetics; with a wide variety of colours and styles available to create an eye catching, light-reflective finish. Colours can be used to define both pedestrian and vehicle areas, ensuring the safety of both people and cars.

FAST TRACK - Deckshield uses cutting edge resin technology enabling rapid application and early return to service with minimum downtime and disruption to the car park service.

ENVIRONMENT - Deckshield is an environmentally friendly system, free from volatile organic compounds. It is safe for use in confined areas from not only a health and safety, but also an environmental and explosion-fire risk point of view.

NOISE REDUCING - Deckshield reduces tyre squeal which is an unpleasant yet common problem within car park environments.

CUSTOMER SUPPORT - Approved and tested worldwide, Deckshield comes with Flowcrete's customer support policy in place, from initial enquiry, through to the design and installation process. Backed by the support of a major multi-national manufacturing company and applied internationally by a network of Flowcrete trained and approved specialist applicators, Flowcrete decking systems are the product of choice for global car park protection.

ENSURING sustainability

"The Flowcrete Group is committed to developing our operations in a sustainable manner and has a holistic approach to producing environmentally friendly flooring materials. This means that rather than just focusing on environmental issues, all decision making considers the environmental, social and economic impact of Flowcrete's flooring materials manufacture and supply, in order to improve our Company's contribution to addressing the important issues our society faces today."

"The solvent-free formulation of the Flowcrete decking range eliminates any harmful volatile organic compounds being released to atmosphere and any unpleasant smell during application and all our products are now packaged in recycled containers. The light reflective properties of the system help reduce electricity consumption, an important cost saving for property owners and a key environmental benefit."

"We recognise that adopting a sustainable approach across all our operations throughout the world, is the only way that we can truly improve the company's contribution to society in this arena. By doing so, Flowcrete's contribution to sustainability will be significant and tangible."

Mark Greaves
Managing Director
Flowcrete Group Ltd

DECKSHIELD - first in

Westfield Shopping Centre, UK.



The Westfield Shopping Centre, located in Derby City Centre is one of the largest retail car parking facilities in the UK. With a little help from Flowcrete's car park decking system, Deckshield, the shopping centre owners and operators completely refurbished the car park over three levels in record time.

The enclosed basement area was substantially brightened up using Deckshield ID whilst the exposed top deck and ramps required the fast track system Deckshield Rapide.

In addition to delivering the superior physical properties to cope with the rigours experienced on exposed decks, the rapid curing time of the Deckshield Rapide was a major advantage in accommodating the adverse weather conditions during the installation phase of the project.

InterContinental Hotel, Poland.



A 5-storey under-ground car park belonging to the InterContinental Hotel in Poland was in need of an attractive car park system which oozed opulence and was in keeping with the chain's prestigious reputation for world-class accommodation and service.

A hard-wearing yet colourful flooring system that could withstand a range of temperatures from freezing cold to intense heat was the client's specification.

Deckshield ID was installed throughout the car park in grey, with reflective markings on top created by Deckshield QD Linemarker.

Its slip resistant finish helps cut tyre squeal noise, rendering the car park a more attractive environment for users.



Impressions count

AIA Tower, Hong Kong.



The Head Offices of the leading Hong Kong developer Henderson Land are located in the impressive AIA Tower, one of the territory's 20 year old buildings.

A project to upgrade the entire property included the six-storey car-park where the condition of the original concrete surface was very poor and unattractive. Requiring the latest technology, Henderson Land selected Flowcrete's waterproof, elastomeric Deckshield system due to its long-standing track record both in Hong Kong and around the world.

The specification also called for special colours to coordinate with the colour scheme of the interior car park walls and columns. A total of 8,500 sq metres of Deckshield was installed over the six levels and connecting ramps.



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