



2019 | English

# QUICK DECK CAR PARK SYSTEM OS 10 CERTIFIED

INDUSTRIAL LININGS

WATERPROOFING

FLOORING

CONSULTANCY

# PROTECTING ASSETS

VIP's QuickDeck Car Park Decking system combines the speed, flexibility and strength of VIP's proven high performance elastomeric linings with the safety of R10 and R12 skid resistance surfaces.

This one application system provides a superior, longer lasting skid resistant surface not achievable using existing "broadcasting" methods.

Direct incorporation of specially selected aggregates using an innovative application method ensures a consistent and durable finish is produced every time.

The spray applied, one process, one application method results in significant time savings over traditional car park decking systems. VIP's QuickDeck Car Park Decking system provides exceptional tensile strength, elongation and crack bridging characteristics making it an ideal waterproofing membrane.

Combined with VIP's unique aggregate injection system customer's can now waterproof their decks and provide a long lasting superior skid resistant surface all within a fraction of the time of traditional systems.

Last but not least the system is OS 10 certified since 2016.

## VIP QuickDeck Car Park Key features

- High anti-skid and anti-slip properties – fulfills R10 and R12 skid resistance rating according to DIN 51130
- One application process, rapid cure – massive time savings. 1 day applications possible
- Low consumption of aggregates, approx. 400 grams / m<sup>2</sup>
- No excess aggregate is produced saving clean up and aggregate recovery time
- Very good adhesion to concrete
- Superior crack bridging abilities even at low temperatures (6.3mm at -20°C)
- High flexibility, high tensile strength, very high abrasion resistance
- Two aggregate grades - aggressive for ramps and high slip areas and standard for flat and walk way areas
- High resistance to oils, fuels, de-icing salts and a wide range of general chemicals
- Solvent and VOC free- Environmental friendly
- Ready for foot traffic in 30 minutes – Vehicular traffic in 6 hrs

## VIP's fast track coating solutions: Tough, sustainable & cost effective



- 1 Entrance and exit cross overs
- 2 Parking decks
- 3 Roof top decks



## VIP SOLUTIONS

From humble beginnings in 1983 as a trading company specialising in automotive sealants and adhesives Voelkel Industrie Produkte (VIP) has grown into a Global specialist in high performance industrial adhesives and surface protection systems.

VIP's innovative technologies provide superior surface protection against abrasion, impact, corrosion and chemical attack. In addition our new technology, instant curing spray applied membranes offer significant benefits and advantages over traditional chemical and water containment solutions.

VIP is proud to support application partners in more than 50 countries around the World operating in the Mining, Oil and Gas, Water and Waste Water, Power and Construction industries. VIP's products are well supported with experienced technical services

ranging from project and product specification through to on-site project consultancy and VIP's world class training program continues to expand our network of "Approved Applicator" partners.

VIP's comprehensive portfolio is constantly refined and added to via our on-going commitment to research and development. VIP has solutions for substrate repair and preparation, priming and pre-treatment, high performance surface protection solutions, superior aesthetic finishes and specialized application equipment.

At VIP we aim to be more than just a product supplier. Our aim is to be a total solution provider for your asset protection needs.

### CONSULTANCY

- Customisable solutions from the manufacturer
- Experienced technical specification services
- On-site technical supervision services
- Manufacturer trained and approved applicator network
- Extensive internal and external test results, certificates and approvals
- Reduced shut down times

### TECHNOLOGY

- Completely integrated „system solutions“
- Very fast application process
- Self levelling
- Seamless – no welding, gluing or joining
- Excellent bond to the substrate
- Multiple Design options regarding colour and surface
- Impact, abrasion and chemical resistant
- High elongation and high tensile strength
- High anti-skid and anti-slip properties

# VIP - YOUR SOLUTION PROVIDER

## DESIGN AND SPECIFICATION



## PROJECT ADVICE

### Design and Specification

VIP works directly with you and your consulting team to analyse your problem and design and specify a fully integrated solution.

## APPLICATION



## SOLUTION IMPLEMENTATION

### VIP Approved Applicator Network

The best products in the world can only perform to their best if they are applied correctly. VIP train and support a network of „VIP Approved Applicators“ to ensure that our system solutions are applied correctly and provide you with the best possible results.

## QUALITY CONTROL AND INSPECTION

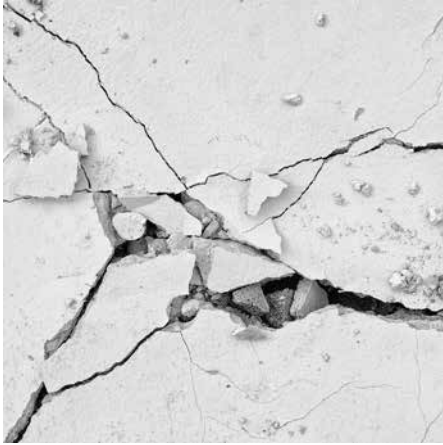


## TECHNICAL SERVICES

### Quality Control

All VIP Approved Applicators complete extensive daily Q/A documentation to ensure that VIP's application protocols are adhered to. In addition VIP can provide on-site technical, supervisory and Q/A services.

# LINING SYSTEMS OVERVIEW



## Substrate Preparation Systems

- Concrete crack & spall repair materials
- Joint filling & repair materials
- Specialised concrete repair mortars

### Features

- Self levelling and non sag versions
- VOC and solvent free
- Rapid curing even in sub zero temperatures
- Easy to apply cartridge systems
- Moisture tolerant
- High tensile and elongation strength
- High MPA cured strength



## Self Levelling and Priming Systems

- Moisture tolerant primers
- Moisture barrier primers
- Submersion primers
- Elevated temperature primers

### Features

- Excellent adhesion to concrete and steel
- Easy to use mixing ratios
- Solvent driven and solvent free options
- Suitable for high moisture applications
- Suitable for constant immersion
- Spray and roller applied solutions



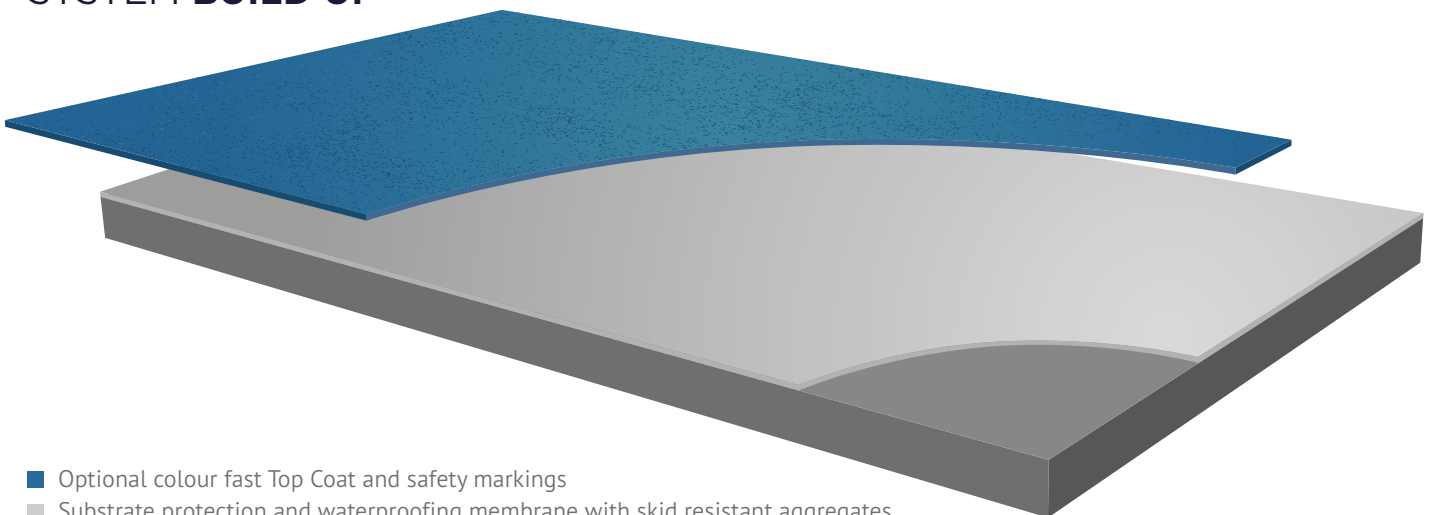
## Design and Protective Coating Systems

- Car Park Deck Areas
- Car Park ramps
- Loading Docks and Service ramps

### Features

- Excellent color and gloss retention options
- Excellent abrasion resistance
- Excellent adhesion to concrete substrates
- Excellent chemical resistance compared to standard epoxies and urethanes
- Fast reactivity and cure times
- Very rapid return to service times
- Seamless application
- Remains flexible over a wide temperature range. -40 - + 120C
- Resistant to most chemicals, solvents, acids and caustics
- Good outdoor weathering - resistant to de-icing salts

## SYSTEM BUILD UP



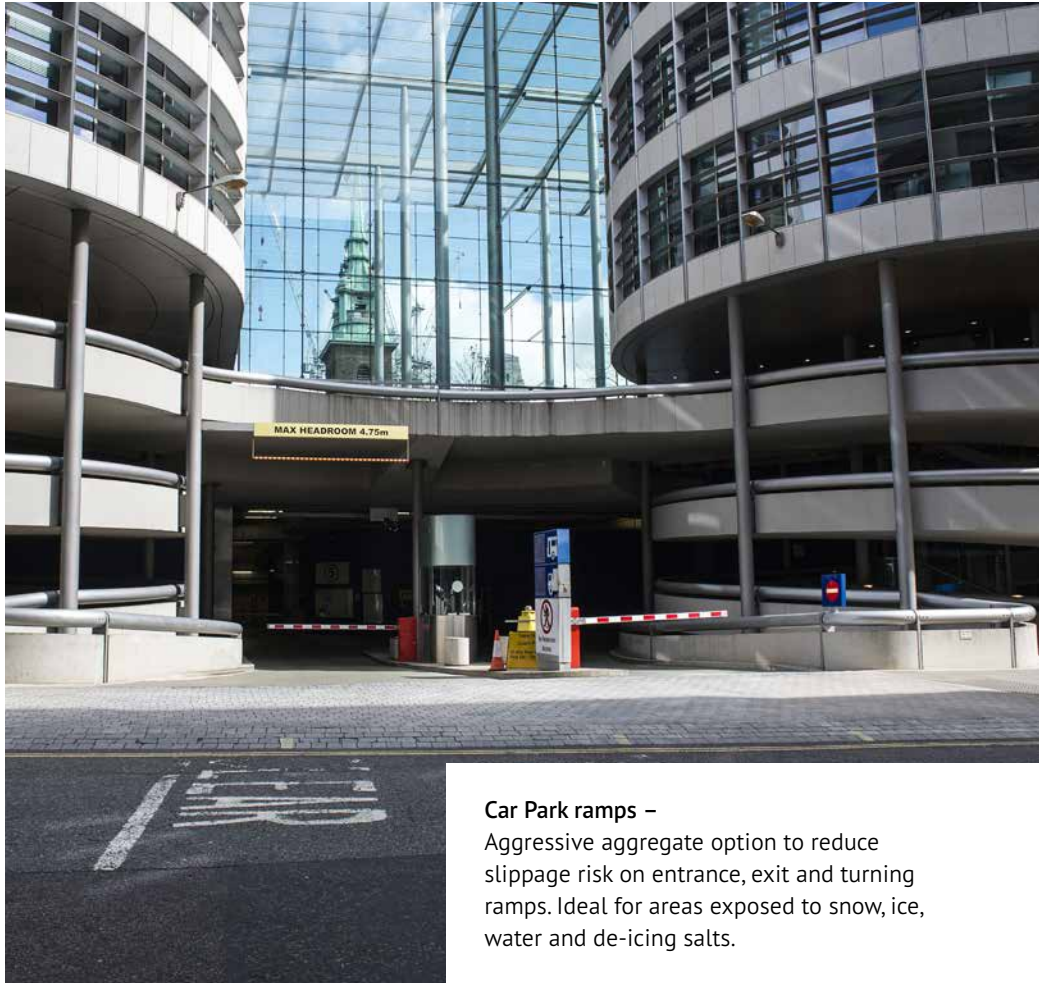
- Optional colour fast Top Coat and safety markings
- Substrate protection and waterproofing membrane with skid resistant aggregates
- Substrate

# APPLICATIONS

## Loading Docks and Service ramps –

Superior protection against impact, abrasion and water damage, with the added benefit of increased slip safety!

VIP QuickDeck system is ideal for heavy traffic areas subject to high shear and abrasion loadings from fork lift trucks and pallet handling equipment.



## Car Park ramps –

Aggressive aggregate option to reduce slippage risk on entrance, exit and turning ramps. Ideal for areas exposed to snow, ice, water and de-icing salts.

## Car Park Deck Areas –

Protect, waterproof and increase safety in one rapid seamless application.

Excellent crack bridging characteristics, high anti-skid characteristics and safe to use in full UV exposure.

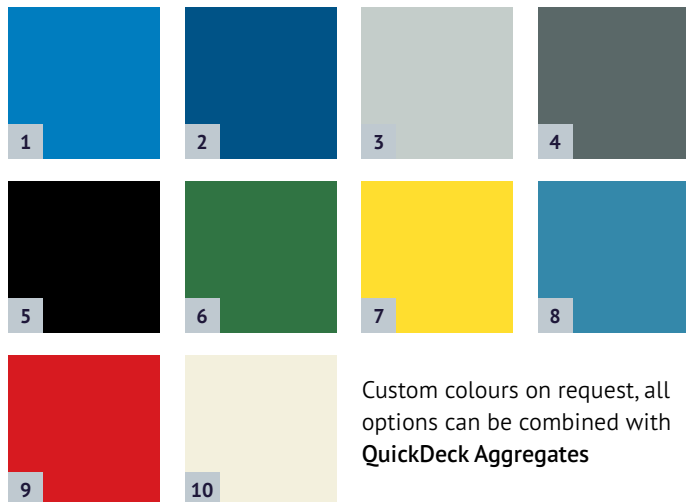


# DESIGN AND COLOUR

## Pigments QuickDeck-System

All QuickDeck solutions are available in ten standard colors. Colors shown are approximate, actual color will vary with product grade and site conditions.

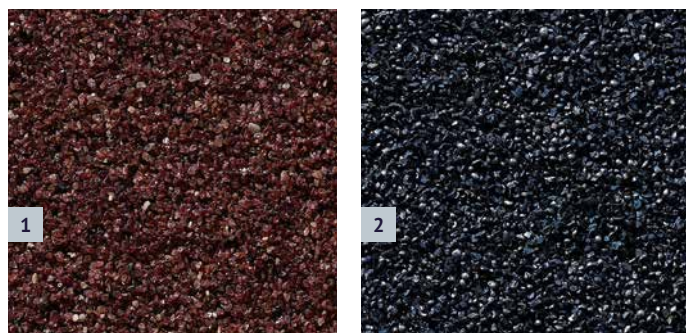
No.	Colour	Similar to
1	Pigment Sky Blue	RAL 5015
2	Pigment Dark Blue	RAL 5005
3	Pigment Light Grey	RAL 7035
4	Pigment Dark Grey	RAL 7005
5	Pigment Black	RAL 9005
6	Pigment Dark Green	RAL 6010
7	Pigment Yellow	RAL 1023
8	Pigment Pastel Blue	RAL 5024
9	Pigment Red	RAL 3020
10	Pigment Crème	RAL 9001



## QuickDeck - Skid resistant aggregates

VIP's non-crushable aggregates are incorporated into the VIP protective membrane during the spray applied application process using a unique injection system ensuring secure and consistent embedment of the aggregates for long lasting slip resistance. Please contact our technical department for further advice before application.

Nr.	Aggregate
1	Aggregate Standard Aggregate Standard – R10 / V4 slip rating
2	Aggregate Aggressive Aggregate Aggressive – R12 / V8 slip rating



# VIP'S FAST TRACK COATING SOLUTIONS: TOUGH, SUSTAINABLE & COST EFFECTIVE.



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VIP is a leading solution provider of high performance surface protection systems. Our integrated system approach includes substrate repair and preparation products, priming and pre-treatment systems, high performance coatings and superior aesthetic finishes.



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