



VIP at a glance
Profile



PROTECTING YOUR ASSETS

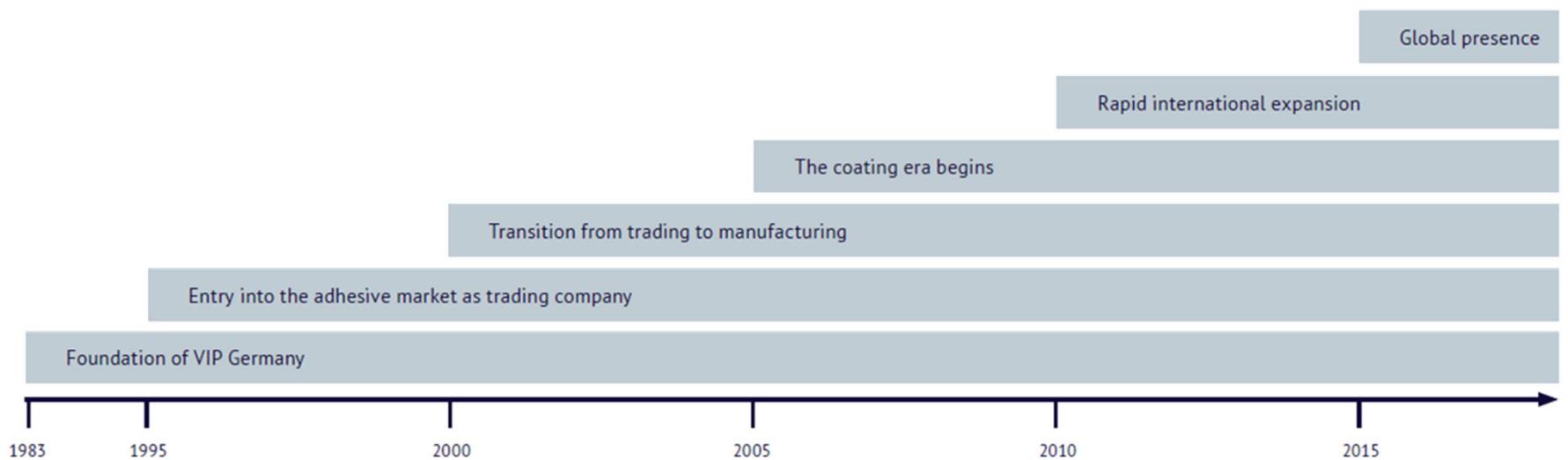




VIP at a glance

Milestones

THE MILESTONES IN VIPS EXCITING JOURNEY



Privately owned company

- Alexander Voelkel (Managing Director)

Group Sales > 15 Mio USD

Employees ~ 40

Export rate ~ 60%

Production Capacity

- Coating systems ~ 5.000 tons+
- Adhesives ~ 1,5 Million cartridges

VIP worldwide

- Distribution partnerships
- Joint Venture manufacturing partners.
- Represented in over 50 countries

30% growth rate p.a. for the last 5 years



Company Head Office- Maisach (Munich), Germany



VIP at a glance Company Structure

VIP Group

VIP Industrial Adhesives GmbH

VIP COATINGS INTERNATIONAL GmbH & Co. KG

IP-Brand

Intl. Sales, Marketing & Tech Support for Licensors
R&D - Manufacturing – Premix Supply
Technical Support & Training

VIP COATINGS
EUROPE GmbH
MANUFACTURING

VIP-Delta Dubai
MANUFACTURING

VIP India
MANUFACTURING

VIP QUIMICA DO
BRASIL LTDA.
MANUFACTURING

VIP USA
MANUFACTURING

VIP Asia
CURRENTLY
DISTRIBUTION
WITH
MANUFACTURING
PLANS

VIP South Africa
CURRENTLY
DISTRIBUTION
WITH
MANUFACTURING
PLANS

VIP Israel
CURRENTLY
DISTRIBUTION
WITH
MANUFACTURING
PLANS





VIP at a glance
Global Structure





VIP at a glance
Strengths

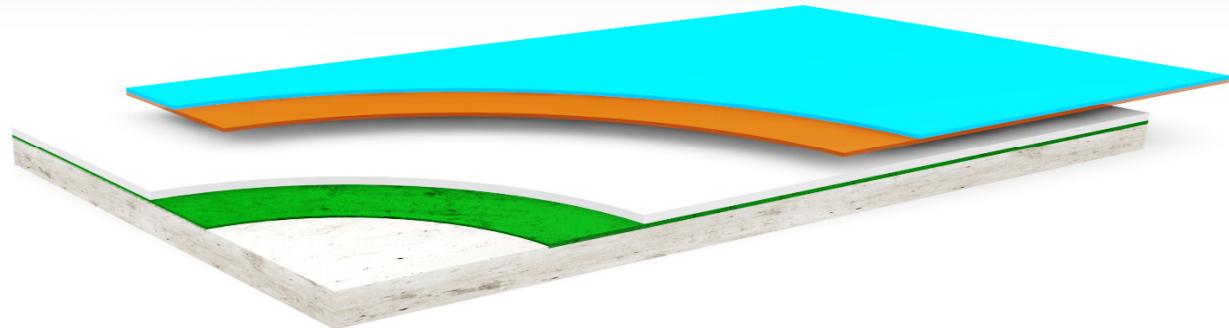
- ➲ ... Unique & Superior Product Formulations
- ➲ ... Focused on Technical Excellence
- ➲ ... Complete System Solutions
- ➲ ... Strong Technical Support
- ➲ ... German Engineering
- ➲ ... Proven Track Record
- ➲ ... Focused on strong Partnerships





VIP at a glance
Solution Provider

... leading Solution Provider of



High Performance Surface Protection Systems



VIP – Solution Provider

VIP - YOUR SOLUTION PROVIDER

DESIGN & SPECIFICATION



PROJECT ADVICE

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

APPLICATION



SOLUTION IMPLEMENTATION

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 & INSPECTION



TECHNICAL SERVICES

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.



Coating Technologies
Elastomeric Systems

VIP Coating Systems

High Build Linings

Aromatic systems
Aliphatic systems
Hot & Cold Spray application
UV-stable but not colour stable
Thickness $\geq 1\text{mm}$

Thin Film Coatings

Polyaspartic systems
Manual & Airless application
100% UV & colour stable
Thickness $\geq 0,2\text{mm}$

H₂O proofing

Industrial Coatings

Flooring



VIP – Solution Provider

Polyurea Technology

- There is no such „product“ as Polyurea. Polyurea is a definition of a chemical technology.
- There are unlimited versions of products that are based on „Polyurea technology“
- Like „Epoxies“ and „Polyurethanes“ – there are low quality cheap products and high quality more expensive products.
- Good formulators take the “Polyurea technology” and design a “product” for specific applications.
 - Abrasion, potable water, salt water, chemical environments, waste water, impact etc.



Technology Features

Features of spray applied elastomeric coatings

- Spray Applied as a seamless membrane – no joins or welds.
- Can be built to any thickness in one application
- Instant curing, rapid return to use. – saves customer money.
- Very high impact resistance.
- Excellent abrasion and chemical resistance.
- Remains flexible over a very wide range of temperatures.
- Excellent cracking bridging properties. (-20C = 6.4mm @ 23 C = 15.5mm)
- High elongation (up to 650%) – will flex and move with substrate.
- Excellent adhesion to suitably prepared concrete – both old and new.
- More flexible, more abrasion resistant and more impact resistant than GRP and epoxies.
- Solvent free and VOC free (Volatile Organic Compounds)





Flooring Technology



- 1 Hospitals
- 2 Food processing Factories
- 3 Industrial Production Facilities
- 4 Shopping Malls and shop floors
- 5 Airports
- 6 Car Park Decks
- 7 Hotels & Restaurants



Technology



Technology Features

Features of our spray or roll applied flooring systems

- Excellent color and gloss retention
- Cures to a very clear finish
- Excellent abrasive resistance
- Excellent adhesion to concrete substrates, even without using a primer
- Excellent chemical resistance compared to standard solvent driven epoxies and urethanes.
- Fast reactivity and cure times.
- Rapid return to service.
- Seamless, flexible flooring system.
- Resistant to most chemicals, solvents, acids and caustics.
- Good outdoor weathering
- Shows no sensitivity to humidity during application.
- Stable under a wide temperature range.
- Custom colours, quartz and chip floors available upon request.



Technology

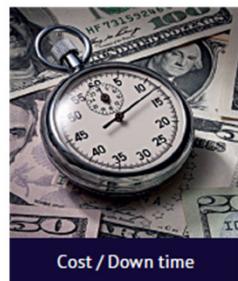


VIP at a glance

Protecting Assets

CHALLENGES OF ASSET PROTECTION IN TODAYS ENVIRONMENT

Businesses need solutions today for the problems they will face tomorrow. Asset rehabilitation and long term asset protection is an investment that if chosen correctly will pay for itself many times over in the future. VIP's technically advanced surface protection solutions not only offer faster turnaround times in almost any climatic condition but also longer life expectancy than most traditional systems. With a VIP solution you can have the best of both worlds = extreme physical protection and super fast turnaround times. Save money up front and save money over the long term. That is a VIP surface protection solution!



Cost / Down time



Humidity



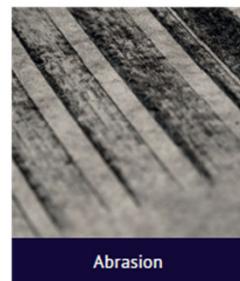
Temperature & UV



Gloss & Colour stability



Impact



Abrasion



Corrosion



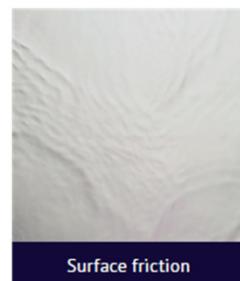
Chemicals



Movement & Elongation



Environmental friendly



Surface friction



Seams & Cracks



ISO 9001

certified

VIP – Solution Provider



VIP at a glance

Overview Product Solutions

INDUSTRIAL

QUICKSPRAY®

Hi Performance Elastomeric Lining systems. Superior Impact Abrasion and containment solutions. High pressure applications.

FLOORING

QUICKFLOOR® DECO

Superior Flooring Solutions – overnight. Quartz, Anti-Skid and paint chip options. Roll Down and squeegee applications.

WATERPROOFING

QUICKSEAL®

New Technology Waterproofing. Strong, seamless & flexible – instant setting. High Pressure, Low Pressure and Cartridge System applications.

PRIME & REPAIR

QUICKPRIME®

Primer Systems. Solvent Driven & Solvent Free. Polyurethane and Epoxy, 1 Part & 2 Part.

EQUIPMENT

LOW PRESSURE

Low pressure proportioners, cartridge systems and airless spray units.

QUICKCOAT®

Ultrafast Coating System with Superior Color & Gloss retention. Anticorrosive and weatherproof surface protection solutions. Airless applications.

QUICKFLOOR® INDUSTRIAL

Heavy duty flooring – overnight. Single colour options. High Pressure & Airless applications.

QUICKSEAL® 1K

Water based - moisture cure. Elastomeric liquid applied seamless waterproofing membrane. Roll-Down applications.

QUICKREPAIR®

Joint Sealants and Concrete Repair Materials.

HIGH PRESSURE

High pressure plural component spray units.



VIP – Solution Provider



VIP at a glance
The value for our customers & partners

VIP FEATURES AND BENEFITS

-  LEADING R&D TEAMS - COMMITTED TO INNOVATION
-  TRAINING & WORKSHOPS - TECHNICAL EXCELLENCE
-  INTERNATIONAL APPROVALS, SPECIFICATIONS AND 3RD PARTY LAB TESTING
-  ISO CERTIFIED QUALITY CONTROL AND MANAGEMENT SYSTEMS
-  GLOBAL TRACK RECORD
-  GLOBAL PRESENCE - LOCAL AVAILABILITY
-  COMPLETE SYSTEM SOLUTION PROVIDER





VIP at a glance Certifications

HOCHSCHULE
WEIHENSTEPHAN-TRIESTE
UNIVERSITY OF APPLIED SCIENCES

Prüfbericht

**Bestimmung des Widerstands gegen
Durchwurzelungen gemäß CEN/TS 14**

Produktnamen
Quick Spray Industrial

Auftraggeber
Voelkel Industrie Produkte GmbH
Lohenstr. 11
D-82166 Gräfelfing

Datum: 18.04.2011
Der Bericht umfasst 6 Seiten.

Prüfauftrag:

Prüfbericht

P 7703

**Bestimmung der rutschhemmenden Eigenschaften,
des Verdrängungsraums und des
Gleitreibungskoeffizienten gemäß DIN 51130 und
DIN 51131 an den Beschichtungen:**

- Quickspray Supreme LSE
- Quickspray Industrial LSE
- Quickspray Eco-, Industrial-, Supreme-Line + Overspray
- Quickspray Eco-, Industrial-, Supreme-Line + QuickPlus 3K – A20
- Quickspray Eco-, Industrial-, Supreme-Line + QuickPlus 3K – A50

Auftraggeber:

Voelkel Industrie Produkte GmbH
Lohenstr. 11
82166 Gräfelfing

Bearbeiter:

J. Magner
T. Seitz

Datum des Prüfberichts:

14.05.2012

Dieser Prüfbericht umfasst:

7 Seiten

Die Prüfberichte beziehen sich ausschließlich auf die Prüfgegenstände.
Die sonstige Veröffentlichung des Prüfberichts und Hinweise auf Prüfungen zu Werbezwecken bedürfen in jedem Einzelfall unserer schriftlichen Einwilligung.

Polymer Institut



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65439 Frankfurt-Wicker
Tel. +49 (0)61 45 - 5 97 10
Fax +49 (0)61 45 - 5 97 19
www.kiwa.de



Our Ref: HL/M1003069

4th March 2011

Voelkel Industrie Produkte GmbH,
Lohenstrasse 11,
82166 Gräfelfing,
Munich,
Germany

Dear Sir

WATER REGULATIONS ADVISORY SCHEME "ITEMS WHICH HAVE PASSED FULL TESTS OF EFFECT ON WATER QUALITY - BS 6920"

We refer to your application for the material(s) described below to be approved arising from the results of the tests of effect on water quality that have been carried out on the product(s) so described. It has been decided that there is no objection to its/their use provided the source, nature and manufacturing processes of the ingredients and products are not changed. (See notes overleaf).

COATINGS, PAINTS & LININGS – FACTORY APPLIED – MULTI PURPOSE 5036

Quick Spray Industrial W two-part Coating (bright blue coloured) to be used in conjunction with Quick Prime epoxy primer. Mix and apply as per manufacturer's instructions. Cure for 3-5 minutes at 25°C. For use with water up to 23°C.

Test Report: MA4095/E

1009542

VOELKEL INDUSTRIE PRODUKTE GMBH.

An entry, as above, will accordingly be included in the Water Fittings Directory on-line, Part Two, under the section headed, "Materials which have passed full tests of effect on water quality".

Your attention is drawn to the statement overleaf. Manufacturers or applicants may only quote in their sales literature terms which are used in this letter, namely that the product as listed, having passed the tests of effect on water quality, is suitable for use in contact with potable water and that a reference to the product will be included in the following section, Part Two, of the Water Fittings Directory on-line: this may be abbreviated to "Water Regulations Advisory Scheme - Approved Material" or "WRAS - Approved Material". Approval of this product does not signify the approval of its mechanical or physical properties for any use.

The Technical Committee of the Scheme reserves the right to review approval. This approval is valid between September 2010 & September 2015.

Yours faithfully

H.E. Lewis

Hannah Lewis
WRAS Approvals Administrator
Water Regulations Advisory Scheme

Water Regulations Advisory Scheme Ltd.
30 Fern Close, Perry-Pan Industrial Estate,
Oakdale, Oliver, M17 3EL, UK
Tel: 01495 249414, Fax: 01495 262629,
E-mail: info@wras.co.uk, Website: www.wrass.co.uk



VIP – Certifications

**HYDROELECTRIC POWER PLANT
SANTA TERESA CUSCO / PERU**

Construction	-
Contractor	GyM
Consultant	Luz del Sur / PDMxperts S.A.C.
Coating Contractor	KAAT S.A.C.
Project	Lining of conduction tunnel
Area	2,600 sqm
Construction Time	February 2015
VIP System	QuickBlock Li Moisture QuickPrime Epoxy SF QuickSpray Industrial Standard



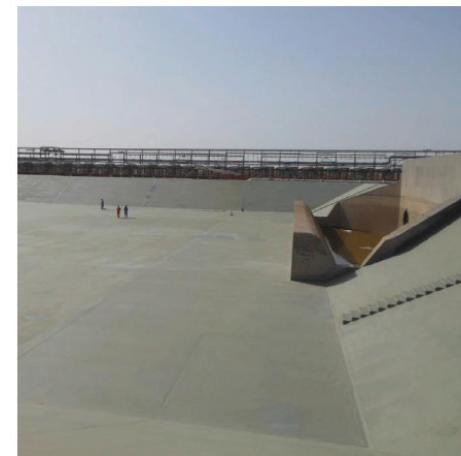
**WASTE WATER TUNNEL
TEHERAN / IRAN**

Construction	Zharf Kar
Contractor	Zharf Kar
Consultant	Mahab Ghodss
Coating Contractor	Anticor Limited, Dubai
Project	Waste Water Tunnel
Area	Lining of 90,000 sqm concrete tunnels and pipes
Construction Time	April - September 2010
VIP System	Quick Block, moisture barrier Quick Prime + Quick Fill, 2K Epoxy Primers Quicck Spray Industrial



**SEA WATER DISCHARGE CULVERT
ABU DHABI / UAE**

Client	Borouge Abu Dhabi
Contractor	Gogas / Granite Construction Co.
Consultant	Tebodin Middle East Ltd.
Coating Contractor	Petro Projects Group Est / Abu Dhabi, UAE
Project	Protection and sealing of concrete in Sea water discharge culvert
Area	11,000 sqm
Construction Time	February 2013
VIP System	QuickFill and QuickFill Express concrete crack repair systems QuickPrime 2K Epoxy SF21 QuickSpray Industrial



**BUNDED AREAS UNDER TANKS
PORVOO / FINLAND**

Client	Ashland Chemicals, Porvoo
Contractor	-
Consultant	-
Coating Contractor	TEKE OY, Valkeala
Project	Secondary Containment Areas under Chemical Tanks
Area	400 sqm
Construction Time	October 2011
VIP System	QuickFill crack and joint filling systems QuickPrime 2K Epoxy SF 21 QuickSpray Industrial



**TIPPER BODIES
AREQUIPA / PERU**



Client	PDMxperts S.A.C
Contractor	-
Consultant	-
Coating Contractor	-
Project	Abrasion resistance and noise reduction in tipper bodies
Area	Multiple fleet vehicles
Construction Time	2015
VIP System	Quick Prime 1K PU Universal. Quick Spray Industrial

**RAW MATERIAL FEED HOPPER
GERMANY**



Client	Feldhaus Klinker, Bad Laer
Contractor	-
Consultant	-
Coating Contractor	Rüdiger Schmidt, Vermsold
Project	Non stick abrasion and corrosion resistant hopper lining
Area	20 sqm per container
Construction Time	December 2011
VIP System	QuickPrime 1K PU QuickSpray Industrial LSE (Low surface energy lining)



VIP at a glance

Selected References Flooring

THE DEAL STORE DUBAI / UAE

Client	Chaloub Group
Contractor	Dicotech Dubai
Consultant	-
Coating Contractor	Anticor LLC, Dubai
Project	Floor coating with high abrasion resistance & glossy finish
Area	800 sqm
Construction Time	2015
VIP System	QuickFloor 100 QuickFloor 500



VIP – References

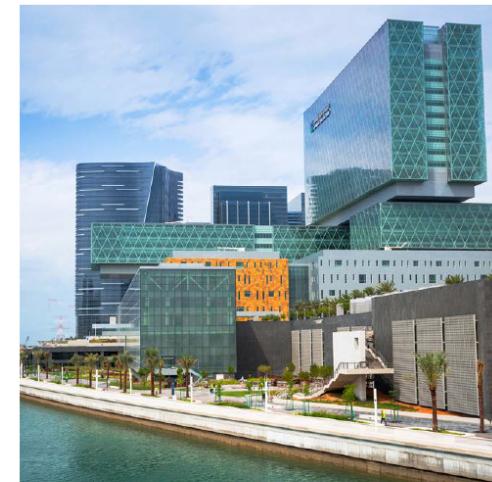


VIP at a glance

Selected References Flooring

CLEVELAND CLINIC DUBAI / UAE

Client	Cleveland Clinic
Contractor	SG Middle East
Consultant	-
Coating Contractor	Anticor LLC, Dubai
Project	Protective coating for various service rooms
Area	130 sqm
Construction Time	2015
VIP System	QuickFloor 500



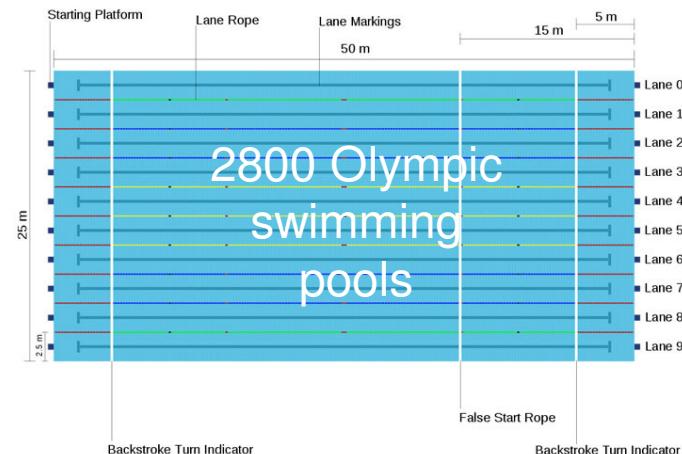
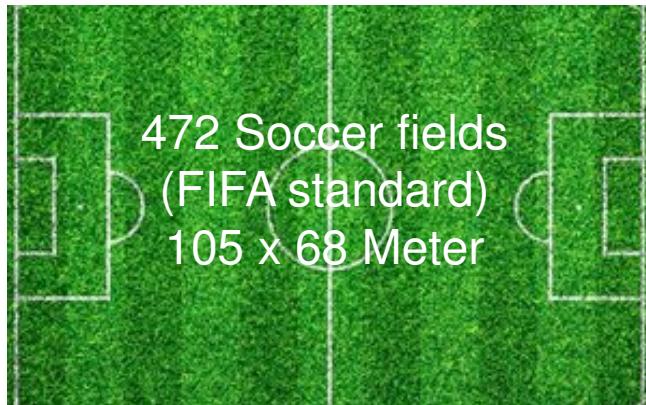
VIP – References



VIP at a glance

.... facts and figures which speak for themselves

Since the launch of VIP Coatings systems VIP has supplied materials for more than 3,5 billion sqm - equivalent to the size of:



VIP – Facts & Figures



VIP at a glance
Selected Project Partners

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



VIP – Partner