



2016 | English

# PRIMARY & SECONDARY CONTAINMENT LINING SYSTEMS

INDUSTRIAL LININGS

WATERPROOFING

FLOORING

CONSULTANCY



# PROTECTING YOUR ASSETS

Corrosion, abrasion and chemical attack are constant threats to liquid containment assets. VIP's primary containment substrate protection solutions provide superior protection of both steel and concrete tank assets.

Spray applied, seamless and instant curing our flexible membranes bond directly with the substrate permanently eliminating corrosion and chemical attack. Excellent impact and abrasion resistant properties provide superior substrate protection in tanks containing slurries and high solids waste materials.

Special chemical resistant formulas provide protection against chemical attack and yet still provide the seamless, rapid application advantages of our traditional protective membranes.

Unplanned or unwanted release of toxic or environmentally hazardous liquids can have disastrous consequences for the environment and for the company involved. VIP's secondary containment liners provide a secure and reliable way to contain accidental spills and control of liquid materials.

VIP's secondary containment liners can be spray applied directly to existing substrates or they can be applied to geotextile membranes for the sealing of earthen bunds.

## Primary & Secondary Containment of liquids

- Can withstand heavy traffic
- Can withstand freeze thaw cycling
- High tensile strength
- Excellent crack bridging capabilities
- High bond strength with substrate
- Very rapid seamless application to any thickness in one application

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





## 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 spray applied application process
- Seamless – no welding, gluing or joining
- Excellent bond to the substrate
- Instant curing (10 – 20 seconds) and very rapid re-use times
- Impact, abrasion and chemical resistant
- High elongation and high tensile strength
- Excellent crack bridging properties
- Formulated for application in extreme environments

# 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



## Integrated 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



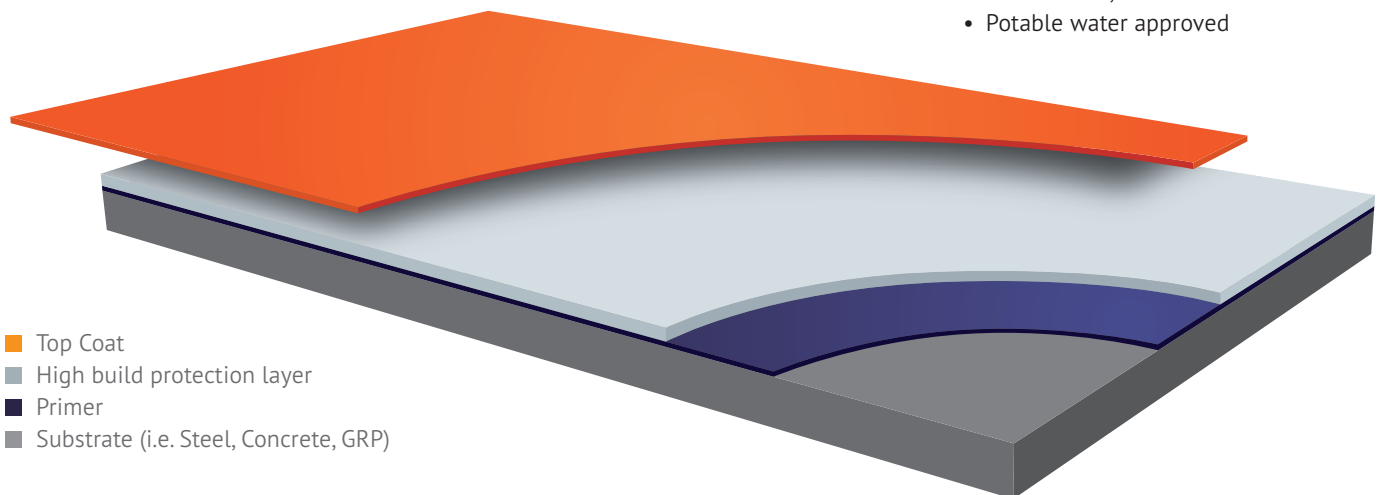
## Protective Lining Systems

- Reinstatement of old concrete bunds
- Spray in place earthen bunds
- Quick erect temporary bunds
- Water & waste water tanks & pits
- Acid tank protection
- Oil tank corrosion protection
- Leaching ponds
- Tailings dams
- Water canals
- Desalination plants

### Features

- Spray applied, seamless and instant curing. Extremely fast re-use times
- Permanent and safe containment of chemicals
- Long term resistance against corrosion
- Excellent resistance against abrasion (Slurry tanks)
- Remain flexible over a large temperature range
- Excellent crack bridging characteristics
- Completely resistant to Hydrogen Sulphides
- 100% solids, solvent and VOC free
- Potable water approved

## SYSTEM BUILD-UP



- Top Coat
- High build protection layer
- Primer
- Substrate (i.e. Steel, Concrete, GRP)

# SELECTED PROJECT REFERENCES

## COATING OF TANK ROOFS MIDDLE EAST



Client	-
Contractor	Bazan Ltd.
Consultant	Orokia Ltd.
Coating Contractor	Polymer Group Ltd.
Project	Sealing of Silo / Tank roofs
Area	300 sqm / 8 tank tops
Construction Time	December 2011
VIP System	QuickPrime 1K PU SF QuickSeal PP350

## CONDENSATE TANK UNITED ARAB EMIRATES



Client	BP / Petrofac
Contractor	-
Consultant	AMCE Inspection Group
Coating Contractor	Anticor LLC, Dubai
Project	Corrosion protection of tank base and lower internal walls
Area	
Construction Time	September 2011
VIP System	QuickPrime 1K PU SF QuickSpray Supreme HP

## PRIMARY CONTAINMENT BUND AREA ABU DHABI / UAE



Client	Aldar Properties PJSC
Contractor	Aldar Laing O'Rourke
Consultant	Aldar Laing O'Rourke
Coating Contractor	APS Coating Systems
Project	Secondary Containment under fuel storage tanks
Area	400 sqm
Construction Time	October 2008
VIP System	QuickPrime 1K PU QuickSpray Industrial

# SELECTED PROJECT REFERENCES

## 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



## BIOGAS FACILITY STORAGE FOR BIOFUEL OSNABRÜCK / GERMANY

Client	Biogas facility, Leopoldshöhe
Contractor	TÜV Nord, Osnabrück
Consultant	-
Coating Contractor	Rüdiger Schmidt, Versmold
Project	Bio tank :Concrete protection and sealing
Area	450 sqm
Construction Time	September 2012
VIP System	QuickFill and QuickFill Express concrete crack repair systems QuickPrime 2K Epoxy SF21 QuickSpray Industrial.



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

EN-CL 11-15 / DESIGNLABS GMBH



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.



VIP Coatings International GmbH & Co. KG  
Frauenstr. 31 · D-82216 Maisach / Munich · Germany  
Phone +49 8141 35549-0 · Fax +49 8141 35549-99  
www.vipcoatings-intl.com



Arşan Yapı İnş. Taah. Tuz. San. ve Paz. Tic. Ltd. Şti.  
Etiler Mah. Adnan Menderes Bulv. Sami Kaya İş Merkezi K:5  
D:28 Muratpaşa / ANTALYA  
Tel : +90 242 248 83 54 www.arsanyapi.com

AMERICAS · AFRICA · ASIA · EUROPE · MIDDLE EAST