



2016 | English

# MATERIALS HANDLING LINING SOLUTIONS

INDUSTRIAL LININGS

WATERPROOFING

FLOORING

CONSULTANCY

# PROTECTING YOUR ASSETS

VIP's spray applied instant curing protective membranes are an ideal solution for reducing shut-down and maintenance costs increasing your return on investment.

Sprayed or cast onto virtually any type of equipment and / or substrate material regardless of penetrations or shape, new or already having been in service, VIP's premium protective coatings reduce shut down times, extend equipment life and save you money.

VIP's protective membranes maintain their physical integrity even under extreme temperature fluctuations and repeated flexing and impact. They have excellent impact, abrasion and corrosion resistance and provide sound deadening and vibration absorption further reducing equipment fatigue.

Rapid application and rapid return to service ensures that shut down times are kept to a minimum. VIP offers solutions with 15 second tack free times and re-use times of as little as 30 minutes.

Vip capital has specialised low co-efficient of friction linings that can reduce material "hang up", increasing plant efficiency, minimizing power consumption and reducing transport costs.

If you are handling and processing bulk materials VIP has a superior protective coatings solution.

## Materials Handling: Impact, abrasion, corrosion, non-stick

- Application specific linings – abrasion, impact, low surface energy, containment and chemical attack specific products
- VOC and solvent free
- Applied to any thickness in one application
- Seamless, no welding or gluing
- Extremely fast curing times – reduces shut down time
- Excellent adhesion to most substrates
- Can incorporate wear indicator colours for maintenance planning

## 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

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

### Features

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



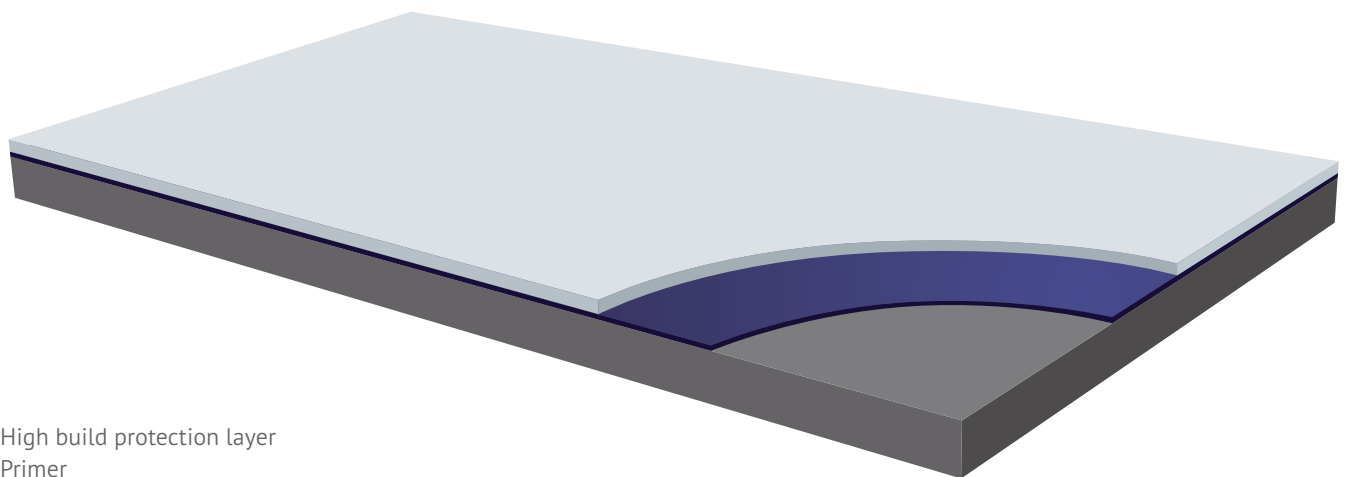
## Protective Lining Systems

- Impact resistant linings
- Abrasion resistant linings
- High elongation linings
- High tensile strength linings
- Chemical resistant linings
- Coloured wear indicator options
- Low surface energy (non stick) options

### Features

- Excellent resistance against abrasion, impact, corrosion and chemical attack
- Spray applied to any thickness in one application, seamless and instant curing
- Extremely fast re-use times
- Reduces noise and vibration
- Remain flexible over a large temperature range
- 100% solids, solvent and VOC free

## SYSTEM BUILD-UP



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

# SELECTED PROJECT REFERENCES

## 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

## SALTWATER MIXINGBOX RANDERS / DENMARK



Client	Epoke A/S, Randers
Contractor	-
Consultant	-
Coating Contractor	Corrsan A/S, Assentoft Per Skueboe
Project	Corrosion and abrasion resistant lining for salt mixer bins
Area	15 sqm per box
Construction Time	November 2010
VIP System	QuickPrime 1K PU VIP QuickSpray Industrial

## RAW MATERIAL FEED HOPPER GERMANY

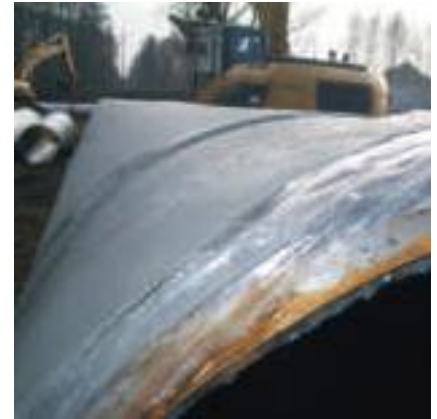


Client	Feldhaus Klinker, Bad Laer
Contractor	-
Consultant	-
Coating Contractor	Rüdiger Schmidt, Vermsold
Project	Non stick abrasion and corrosion resistant hopper lining
Area	20 sqm per container
Construction Time	December 2011
VIP System	QuickPrime 1K PU QuickSpray Industrial LSE (Low surface energy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

# SELECTED PROJECT REFERENCES

## PIPELINE COATING - EXTERIOR POLAND

Client	PGNiG SA – Polskie Górnictwo Naftowe i Gazownictwo SA
Contractor	-
Consultant	-
Coating Contractor	CONTEC Sp. z o.o., PL
Project	Impact and abrasion resistant lining to protect pipe during Pneumatic Thrust Boring
Area	External 15-25m lengths
Construction Time	December 2012
VIP System	QuickPrime 1K PU QuickSpray Industrial



## SILOS FOR GRAIN AND RICE STORAGE FUJAIRAH / UAE

Client	Invest AD
Contractor	China Harbour Engineering Company LLC
Consultant	Mott MacDonald
Coating Contractor	AntiCor LLC
Project	Sealing of grain storage silos
Area	40,000 sqm
Construction Time	October 2011
VIP System	QuickFoam expanding foam QuickSeal PP350



## HOPPER BINS LIVERPOOL / AUSTRALIA

Client	Peterson Bros Earthmovers Pty Ltd
Contractor	-
Consultant	-
Coating Contractor	Liverpool Industrial Coatings Pty Ltd.
Project	Abrasion and Corrosion protection of hopper bins on mobile screening plant
Area	
Construction Time	2009
VIP System	QuickPrime 1K PU QuickSpray Supreme HP.



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



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