



2026 | English



LIQUISHIELD

FLUID CONTAINMENT LINING SYSTEMS

INDUSTRIAL LININGS

WATERPROOFING

ROOFING

TURNKEY SOLUTIONS

THE LIQUISHIELD ADVANTAGE

Fast spray application process

VIP LiquiShield containment systems can be spray-applied quickly and seamlessly to virtually any substrate, including geotextile membranes, transforming earth berms into a cost-effective, high-performance alternative for secondary containment safety barriers



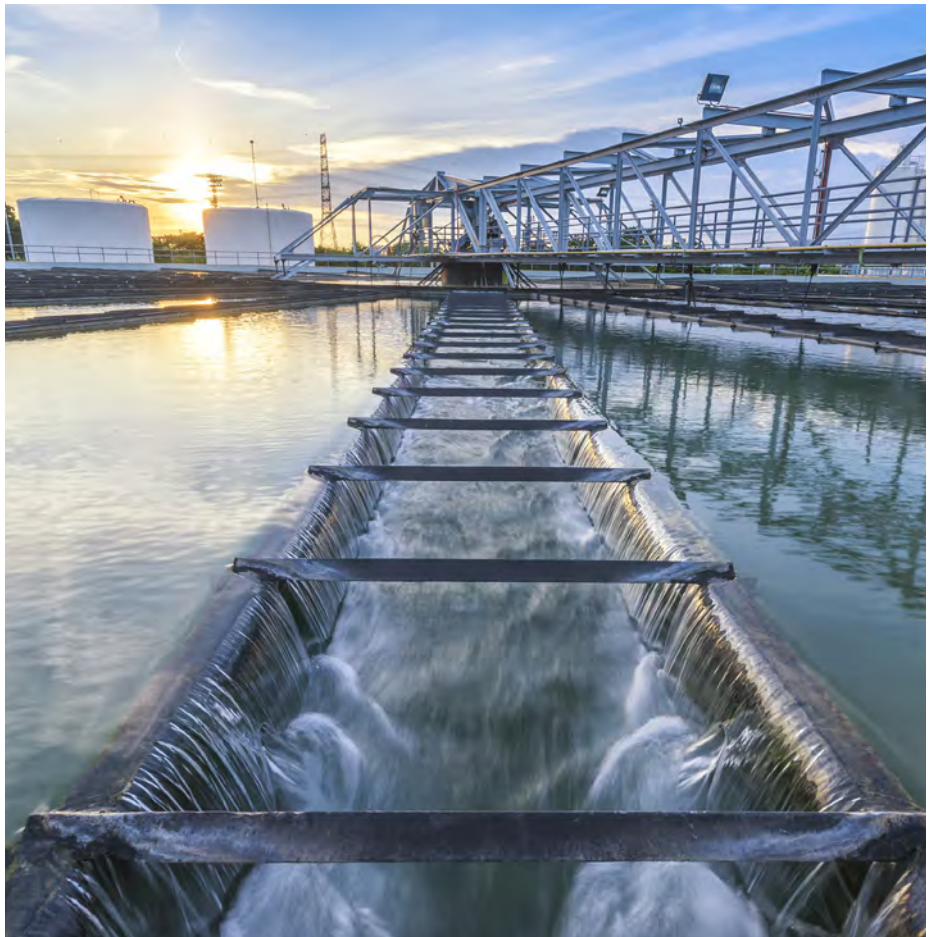
Rapid cure

VIP LiquiShield containment systems provide instant curing properties resulting in very short return to service times providing industry with substantial down time cost savings.



Completely seamless

VIP LiquiShield containment systems are completely seamless even across multiple substrate types eliminating joint welding and gluing providing faster application, faster return to service and many years of trouble free performance.





Excellent bonding to substrates

VIP Liquishield containment systems exhibit high bond strength to correctly prepared substrates. In most cases the adhesion to concrete is greater than the cohesion of the concrete itself.



Chemical, UV and abrasion resistant

VIP Liquishield containment systems are designed to withstand large temperature variations making them suitable for application in both the coldest and hottest environments around the world. Excellent impact, abrasion and chemical resistance, coupled with a rapid, seamless instant curing application, results in significant cost savings over traditional rigid epoxy and FRP systems.



Successful track record in containment projects

VIP Liquishield containment systems have been successfully used around the world in many applications including desalination plants, potable water applications, fuel storage farms and chemical manufacturing plants.

LIQUISHIELD SYSTEM

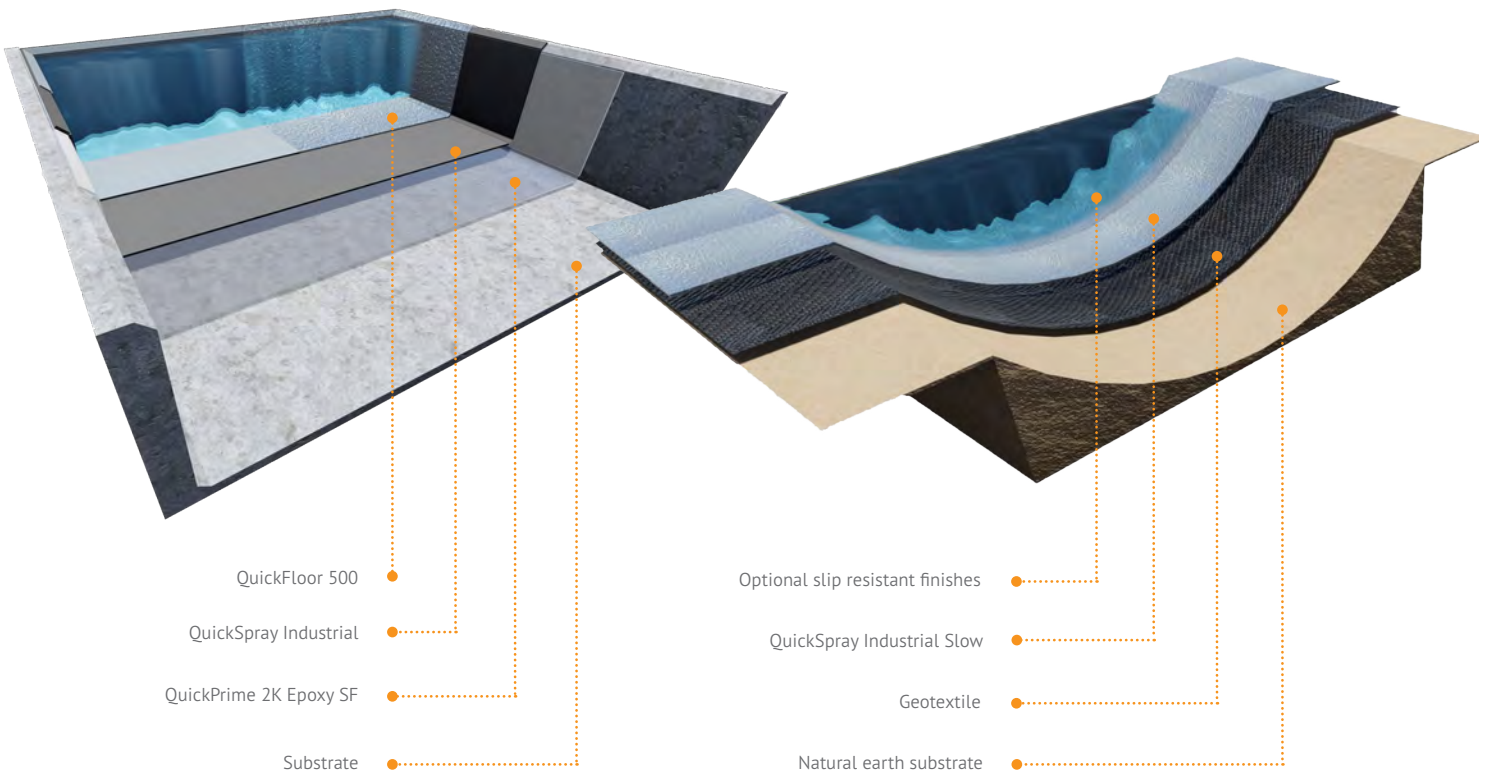


1 LIQUISHIELD Supreme

High Chemical resistant liquid containment system with optional slip resistant surface finish.

2 LIQUISHIELD Geo

Liquid containment system using a formed earth substrate.



QuickFloor 500

QuickSpray Industrial

QuickPrime 2K Epoxy SF

Substrate

Optional slip resistant finishes

QuickSpray Industrial Slow

Geotextile

Natural earth substrate

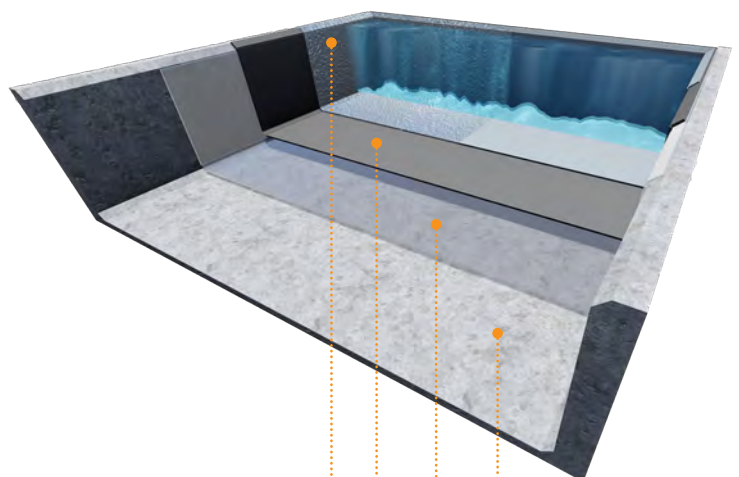
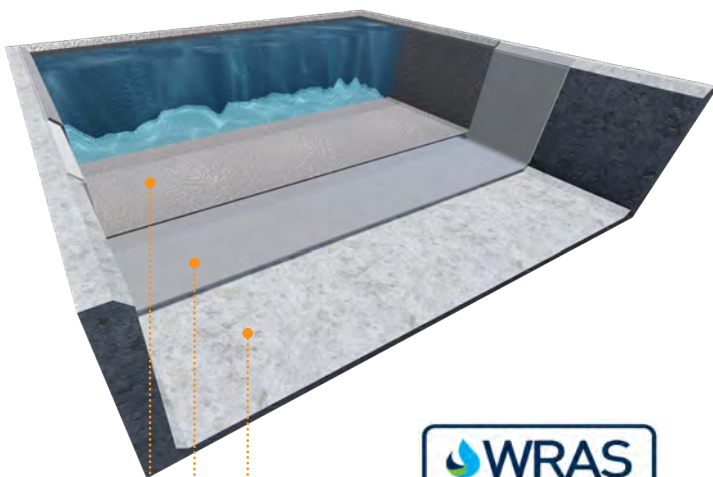


3 LIQUISHIELD Aqua

Potable water approved containment system applied to tanks, pipes and other drinking water storage vessels.

4 LIQUISHIELD Standard

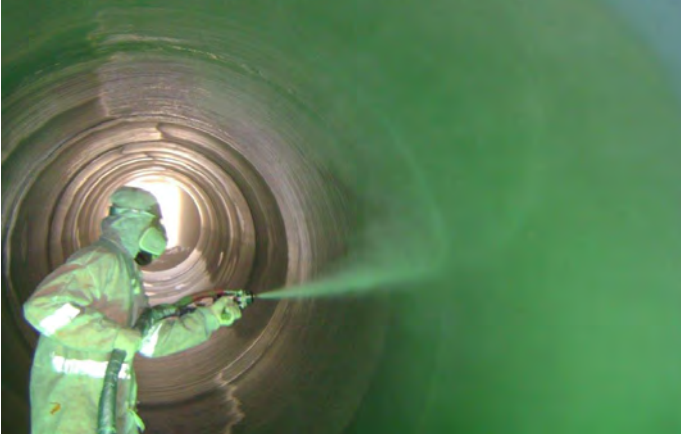
Moderate chemicals containment, with optional color stable coating in exposed areas.



- Substrate
- QuickPrime 2K Epoxy SF UNI or QuickPrime 2K Epoxy SF21
- QuickSpray Industrial W (WRAS approved)

- Optional Top Coat with or without slip resistant finishes
- QuickSpray Industrial
- QuickPrime 2K Epoxy SF
- Concrete

LIQUISHIELD KEY FEATURES



High chemical resistance

- Resistant to most standard chemicals, acids, alkalies and fuel oil – Long term resistance against corrosion
- Excellent resistance against abrasion (Slurry tanks)
- Remains flexible over a large temperature range
- Completely resistant to Hydrogen Sulphides



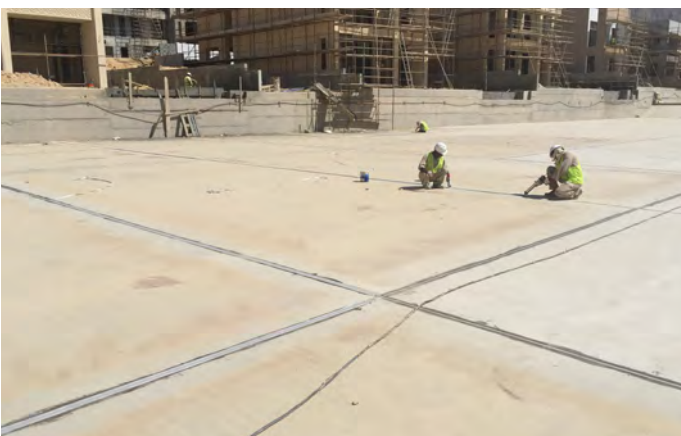
Excellent strength

- Very high tensile strength
- Very high impact and abrasion resistance
- Optimum resistance to high shear forces
- High crack bridging ability
- Resistant to tearing and root penetration
- Excellent elongation at break properties
- Seamless, flexible solution that will not crack or peel



100% volume solids

- Solvent free
- VOC free
- Potable water approved versions



Quickprep repair products

- A full range of fully compatible substrate repair products are provided as part of the VIP Quickprep range
- The product variants offer different curing times ranging from 10 minutes up to a few hours according to your project's requirements

LINING SYSTEM RANGE

VIPSHIELD

Roof Waterproofing

QUICKDECK

Traffic Grade Waterproofing

LIQUISHIELD

Fluid Containment & Lining

LEISURELINE

Lagoon & Waterpark Lining Systems

CLEANCOAT

Clean & Hygienic Coatings for Food & Pharma

QUICKFLOOR

Superfast, High Performance Flooring System

QUICKROLL

Roller Applied Waterproofing Solutions

QUICKPREP

Surface Preparation And Priming Systems

LIQUISHIELD PROJECT REFERENCES

BOULEVARD WORLD POTABLE AND IRRIGATION WATER TANKS, KSA



Boulevard World is part of Riyadh Season, one of the world's largest winter entertainment events, which successfully recorded over 2 million visitors within a week of its launch. This impressive turnout reflects the strong facilities in place.

As part of the event's infrastructure, the LIQUISHIELD Aqua system has been employed for the internal lining of water tanks. This system ensures long-lasting protection for potable water tanks, promoting public health and boosting confidence in water quality.

Key benefits of VIP LIQUISHIELD Aqua for potable water tank linings include:

- Exceptional Durability
- Rapid Application
- Excellent Adhesion
- Seamless and Flexible
- Low Maintenance

Location	Riyadh, Saudi Arabia
Client	Sela Co.
Consultant	Dar Al Riyadh
Coating Contractor	Mithaq Alomran
Project	Boulevard World Potable and Irrigation Water Tanks
Area	10.000 m ²
Construction Date	2024
VIP System	VIP LiquiShield Aqua Potable water approved containment system

POTABLE WATER TANKS, OMAN



VIP Coatings, in partnership with Colossal Engineering LLC, has successfully completed a 40,000 m² lining project for potable water tanks in Muscat, Oman. Utilizing our Quickspray Industrial W polyurea coating—a key component of the Be Safe System—these tanks now ensure reliable, clean water supply for thousands of households across the region. **Why Quickspray Industrial W?**

- **Unmatched Durability:** Engineered for long-term performance in harsh environments.
- **Zero Leakage:** Superior adhesion and seamless application eliminate water loss, saving millions in potential wastage and maintenance.
- **Rapid Installation:** High-speed spray application minimizes downtime, ideal for critical infrastructure projects.
- **Potable Water Certified:** Safe for contact with drinking water, meeting stringent health and safety standards.



Location	Muscat, Oman
Applicator	Colossal Engineering LLC
Client	NAMAA
Project	Lining project for potable water tanks
Area	40.000 m ²
Construction Date	2025
VIP System	VIP LiquiShield Aqua

LIQUISHIELD PROJECT REFERENCES

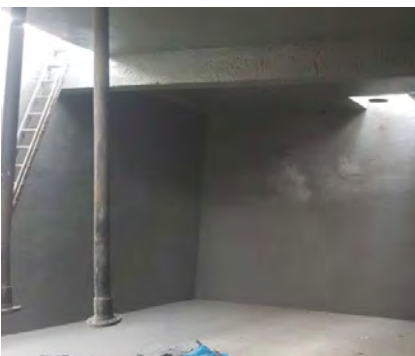
WASTE WATER CONCRETE TANKS, SAUDI ARABIA



GEMS Saudi handles waste water recycling for major Oil & Gas companies in the region. The concrete tanks were lined with a non VIP polyurea 6 months back and had drastically failed due to the inexperience of the applicator overlooking the overcoat windows. VIP was called in for an appropriate and immediate rectification. GEMS wanted to carry out in house applications so VIP trained GEMS as an approved applicator. The entire rehabilitation of 4,000 sqm was carried out in one month and the recycling plant is recommissioned successfully.

Application steps:

- 1) Surface preparation
- 2) Priming
- 3) Application of 3mm QuickSpray Industrial- hot spray applied



Client	GEMS
Consultant	GEMS
Coating Contractor	GEMS
Project	Recoating of waste water concrete tanks
Area	4.000 m ²
Location	Damman, Saudi Arabia
VIP System	VIP LiquiShield QuickSpray Industrial QuickFill ME

FEWA-AL ZAWRA RO PLANT-AJMAN, UAE



Contractor	Teknocoat Engineering
Consultant	Federal Water Authority and Electricity, UAE
Coating Contractor	VWS Emirates LLC & Essa Engineering & Marine Services
Area	6.200 m ²
Location	Al Zawra, UAE
Construction Date	2014
VIP System	QuickSpray Industrial W

VIP QuickSpray Industrial W was approved for the modifications to the SWRO Pre-treatment plant at Al Zawra. The original specifications called for a non-toxic solvent free potable water approved epoxy.

After comparing the physical properties the consultant chose VIP's solution over the original epoxy specified. VIP QuickSpray Industrial W provided not only excellent corrosion protection but also additional benefits over the epoxy system such as very high tensile strength, impact resistance, abrasion resistance, elongation and superior crack bridging properties.

LIQUISHIELD PROJECT REFERENCES

WATER AND SEWERAGE BOARD, INDIA



BWS SB and Indian Hume Pipe Co. Ltd. chose the reliability, and experience of VIP's partner in India to supply and apply a Polyurea coating solution to prevent corrosion and abrasion of sewage pipes.

Processing took place in the following steps:

1. Grinding sharp edges and undulations.
2. Filling up the pores with filler material.
3. Primer application – Left tack free 3 hrs.
4. Polyurea coating thickness of 1.5 mm.

A qualified team of applicators was set-up to meet the stringent requirements of the government board. The coated pipes were randomly tested by BWSSB engineers and an independent laboratory. The coating – product and application met all requirements of the specifying engineers.



Client	Indian Hume Pipe Co. Ltd
Consultant	BWSSB
Coating Contractor	TEVO Performance Coatings
Project	Polyurea coating for sewage pipes
Area	10.000 m ²
Location	Bangalore, India
Construction Date	2015
VIP System	VIP LIQUISHIELD

POTABLE WATER TANK/DESALINATION PLANT, UAE



The ADDC at Delma Island faced enormous problems with the applied GRP coating for their potable water storage tanks in their new desalination facility. With climatic conditions varying from 10 to 50 degrees Celsius; the storage tanks developed cracks on the concrete after not even one year and the 30 Mio USD plant was stopped. The complete potable water supply of Delma Island was at risk.

Therefore VIP was contacted by the consultants due to their long-time experience in the field of water & waster water linings combined with the trouble shooting competences of the VIP Crew. Together with VIP's technical team the consultants designed a recoating solution based on QuickSpray Supreme W, a WRAS and Dubai Municipality potable water approved lining with high elongation and crack bridging properties and a legendary track record.

The old coating was removed, the surface prepared and the VIP linings applied. 2 days later tanks were washed down, tested and filled with water - application finished, down time finished, facility back in process.

Even 3 month later zero reduction in water levels, no cracks, nothing but a completely satisfied client impressed by the speed of the application, convenience and system performance.

Area	Two tanks with 8.800 m ² in total
Client	Abu Dhabi Distribution Company /ä Corodex Industries
Location	Delma Island, Abu Dhabi, UAE
Coating contractor	FAMECO
Consultant	Dr. M. H. Ali El-Saie Consulting Engineers, UAE
Construction Date	2017
VIP System	QuickFill Express QuickFill QuickPrime SF ME QuickSpray Supreme W @ 2mmapproved



LIQUISHIELD PROJECT REFERENCES

DUBAI SEWERAGE TREATMENT PLANT, UAE



The Dubai Municipality's new mega sewerage treatment plant was built in order to cater for the growing population of Dubai. Such a huge investment in public infrastructure must be protected to ensure the design life expectations can be met.

The Dubai mega sewer plant required 75.000 m² of concrete surfaces to be protected against raw sewerage and processed waste water. The proposed solution had to be able to handle substrate movement, impact, abrasion and chemical attack.

VIP's LiquiShield Standard spray applied lining solution met all the requirements and more.

VIP Technical Services supervised the application by a VIP Approved "Elite" application team ensuring a quality controlled application that met the strict specification and application schedule.



Client	Dubai Municipality
Consultant	AECOM / BESIX
Coating Contractor	VIP's applicator network
Project	Lining of sedimentation tanks and digesters
Area	75.000 m ²
Construction Date	2018
VIP System	QuickPrep concrete repair systems VIP LiquiShield Standard

TUMBA WATER TOWER, SWEDEN



Applicator	Polyurea Sverige
Location	Tumba, Sweden
Project	Lining of Potable Water Tower
VIP System	QuickPrep concrete repair systems VIP LiquiShield Aqua – Potable water approved



The water tower for potable water was built in 1961 and serves as a buffer in case of leakage of other pipes in the network. The tower has been empty for several years due to problems with leaks and also visible concrete damage. So it was decided to renovate the tower's inside and outside.

First the old epoxy layer and the damaged concrete was taken away with a highpressure waterjet cutting.

To build back the concrete molds were built and concrete was sprayed to the original thickness. Afterwards a diamond grinding of all surface internal was done and a filler was used to close pinholes.

For building up a new surface protection/water sealing VIP's Quick-Prime 2K Epoxy SF21 and QuickSpray Supreme W (with potable water approval Sweden) were used.

LIQUISHIELD PROJECT REFERENCES

WATER & POWER PROJECT, QATAR



Client	Ras Girtas Water & Power Projects
Contractor	Hyundai
Consultant	Parsons Brinckerhoff
Coating Contractor	HiTech Projects WLL
Project	Lining of Potable Water tanks
Area	29.000 m ²
Construction Date	2009
VIP System	QuickPrep concrete repair systems VIP LiquiShield Aqua – Potable water approved

This drinking water storage reservoir required a long term solution for the protection of the internal concrete structure. Curing and settling / stress cracks could provide an opportunity for water penetration into the concrete structure causing corrosion and eventually degradation of the concrete. Such an outcome would threaten the quality of the water and the integrity of the structure.

VIP provided a fully approved potable water lining solution that displayed excellent crack bridging properties, very high tensile strength, elongation and flexibility.

Being spray applied the lining solution was completely seamless removing the potential for problems at welded joints or rigid coating failures due to substrate cracking.

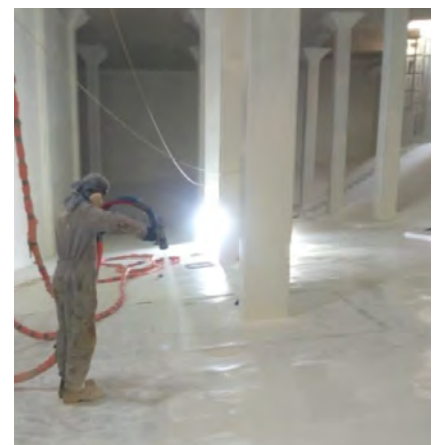
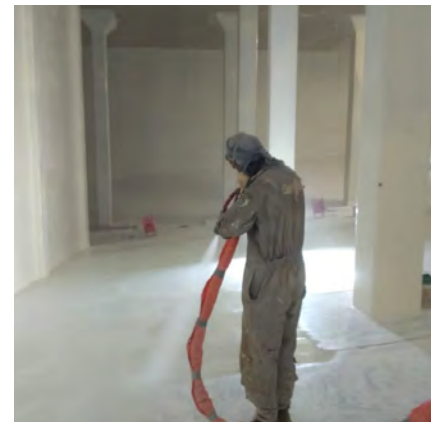
BURAIMI RESERVOIRS, OMAN



When the Oman Water Authority wanted to refurbish their reservoirs in Buraimi, they turned to VIP Coatings for a solution. The reservoirs were originally constructed of concrete back in 2006 without any internal lining. The Authority wanted to protect an important resource and at the same time prolong the use of the reservoirs.

Liquishield Aqua was chosen as the preferred system as it has WRAS approval and is approved for use with water intended for human consumption and provides a seamless membrane that will extend the life of the reservoirs considerably.

The project was supplied through VIP's Oman distributor, Colossal and the application was carried out by Anticor.



Client	Oman Water Authority
Location	Buraimi, Oman
Supplier	Colossal
Applicator	Anticor
Project	Lining system for water reservoir (Potable water approval required)
Construction Date	2019
VIP System	VIP LiquiShield Aqua – Potable water approved

LIQUISHIELD PROJECT REFERENCES

SEA WATER DISCHARGE CULVERT, UAE



This seawater discharge culvert is located 250km's from Abu Dhabi at the Borouge Plastics plant. The culvert was leaking and seawater was permeating into the plant and causing corrosion of the plants pipes and infrastructure support systems. Long term structural damage was being done to the concrete culvert as well.



Long term rectification of the problem was the first priority however minimizing the shutdown time was also a very high priority for the project engineers.



VIP Technical Services were approached in the early stages of the project to provide a solution that not only provided a long term fix for the concrete structure and the plant infrastructure but also a solution that minimized the shutdown time required. The entire project was successfully completed in just 11 days.

Client	Borouge Abu Dhabi
Contractor	Gogas / Granite Construction Co.
Consultant	Tebodin Middle East Ltd.
Coating Contractor	Petro Projects Group Est
Project	Sea water discharge culvert
Area	11.000 m ²
Construction Date	February 2013
VIP System	QuickPrep concrete repair systems VIP LiquiShield Standard.

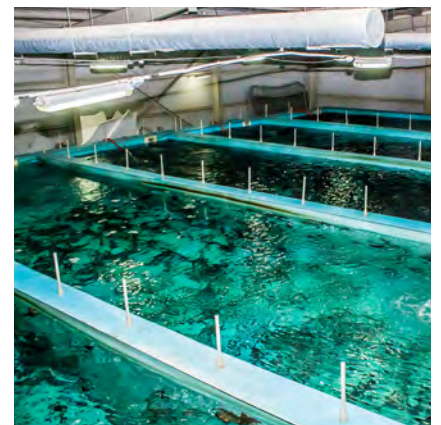
FISH FARMS, NORWAY



Following a failed lining project Nofitech contacted VIP Technical Services for a solution. VIP Technical Services visited the project site and assessed the problems before providing a solution.

Nofitech entrusted the surface protection of future fish farm constructions to VIP's potable water approved VIP LiquiShield Aqua ,a spray applied seamless, flexible lining exhibiting excellent crack bridging properties, elongation and tensile strength.

VIP Technical Services provided training and technical support services to Nofitech's own application team ensuring a quality application was completed every time.



Client	NOFITECH
Contractor	Norway
Consultant	NOFITECH Engineers
Coating Contractor	NOFITECH
Project	Lining system for Fishtanks (Potable water approval required)
Area	Various tanks between 3.500 and 4.500 m ²
Construction Date	2017
VIP System	QuickPrep concrete repair systems VIP LiquiShield Aqua – Potable water approved

LIQUISHIELD PROJECT REFERENCES

DESALINATION PLANT LIMASSOL, CYPRUS



This desalination plant in Cyprus required long term substrate protection against raw salty sea water in the primary collection tanks and a lining that was suitable for storing potable drinking water once the water had been desalinated and refined.

VIP's LiquiShield standard was used in all raw salt water tanks and LiquiShield Aqua (Potable water approved) was used in all desalinated processing and storage tanks.

VIP's solution of providing multiple product formulations to the project saved the customer money and yet still met all the project requirements of a very fast application, fast return to service and a long life time expectancy.



Client	Limassol Desalination Plant
Contractor	Polymer Group
Consultant	Bitelman Architects Ltd
Coating Contractor	Eco&Logi
Project	Lining of the sea water and potable water tanks
Area	3.000 m ²
Construction Date	2013
VIP System	QuickPrep concrete repair systems VIP LiquiShield Standard VIP LiquiShield Aqua – potable water approved

SEWERAGE TUNNEL, MIDDLE EAST



Client	Water Authority
Contractor	Zharf Kar
Consultant	Mahab Ghodss
Coating Contractor	Anticor Limited, Dubai
Project	Refurbishment of old sewage tunnel
Area	90.000 m ²
Construction Date	2010
VIP System	QuickPrep concrete repair systems VIP LiquiShield Standard



This 7 year old sewerage tunnel had badly degraded being fully exposed to sewer water with no substrate protection having been installed at the time of installation. Replacement was not an option.

In order for the pipe to have any hope of lasting its intended design life it needed a long term protective coating solution capable of bridging cracks and remaining flexible to handle future substrate movements. In addition the lining solution had to exhibit high abrasion resistance, high elongation at break properties and excellent tensile strength to handle substrate movements.

Despite the extreme operating environment the complete solution was installed from start to finish in 4 months and has been operating without any issues since 2010.

LIQUISHIELD PROJECT REFERENCES

SEWAGE TUNNELS LAHORE, PAKISTAN



The Water and Sewerage Authority of the Punjab province in Pakistan required a high performance lining solution to protect new under road sewage tunnels. The “cut and fill” construction method required an external coating that could provide impact protection against back filling operations and survive a life time buried under the road.

The internal substrates of the tunnel required protection against hydrogen sulphide attack and due to the very high silt levels in the sewer water the lining system had to exhibit very good abrasion protection as well.

VIP’s LiquiShield standard lining system met all these criteria and due to its excellent crack bridging properties and flexibility provided long term protection against substrate settling cracks.



Client	WASA (Water And Sewerage Authority- Punjab Govt.)
Location	Lahore, Punjab, Pakistan
Consultant	National Engineering Services Pakistan (Pvt) Limited (NESPAK)
Coating Contractor	AHT Services LLC, Dubai, UAE
Project	Internal and external lining of under road sewer tunnels
Area	26.000 m ²
Construction Date	2015
VIP System	QuickPrep concrete repair systems VIP LiquiShield Standard

FISHFARM, SCOTLAND



Marine Harvest a leading fish farming company required a tank lining system that would protect the internal tank surfaces, be easy to clean and provide a smooth surface that would not damage the fish.

VIP's LiquiShield Aqua lining system was chosen due to its potable water certifications, seamless spray applied application and due to its speed of application.

VIP Technical Services provided on-site technical support during the application process to ensure a high quality, within specification application was achieved.



Client	Marine Harvest
Location	Inchmore , Scotland
Consultant	Inhouse
Project	Lining system for Fishtanks (Potable water approval required)
Area	5000 m ²
Construction Date	2018
VIP System	QuickPrep concrete repair systems VIP LiquiShield Aqua – Potable water approved

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.



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