



2023 | English

HIGH PERFORMANCE LINING SYSTEMS FOR OEM MANUFACTURERS

INDUSTRIAL LININGS

WATERPROOFING

FLOORING

TURNKEY SOLUTIONS

HIGH PERFORMANCE LINING SYSTEMS

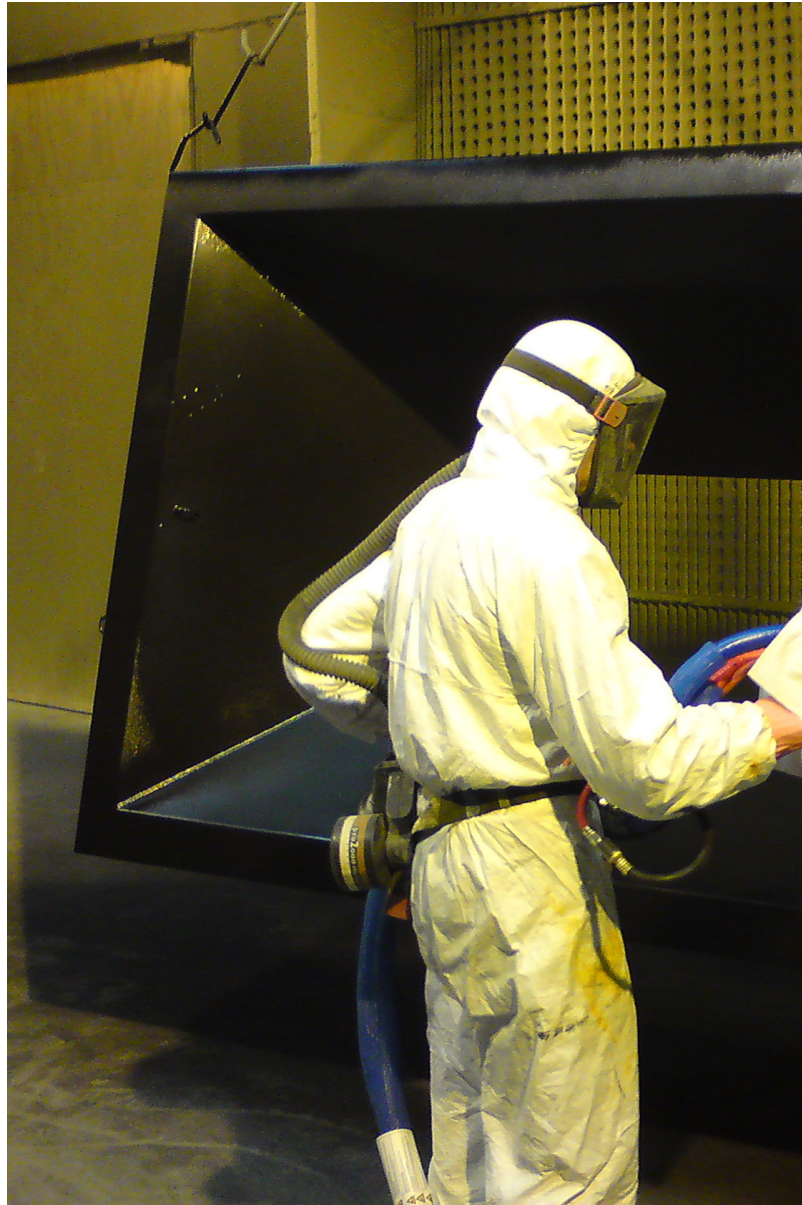
Protect your products – Increase their performance and reach a higher USP-Level

VIP coatings Europe GmbH is a manufacturer and solution provider of highly reactive, 2-part elastomeric coating systems usable for wide range of industrial applications and their requirements. VIP's instant curing protective membranes are an ideal solution for reducing extremely your coating or injection times within manual applications, semi-automatic assemblies or fully automated production lines which allow a high processing frequency.

Sprayed, cast or injected onto virtually any type of substrate or material combination, applicable for components, composite build-ups, wear & tear parts, de-moulding elements as well as moulding forms and various workpieces, the cured membrane extends your product lifecycle. VIP technology performs convincingly as an integrated part of a product setup, as final layer or as an additional supporting solution in production processes.

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, regardless of penetrations or shape.

The correct use and application is essential. That includes the evaluation of substrates, the surface pre-treatment, the selection of relevant coating alternatives, providing support of application engineers or intensive trainings, project monitoring, the quality control & inspection, as well as the delivery of specifications and certificates, guidelines and technical approvals. As a turn-key solution provider VIP helps you to reach your individual project goals. Benefit from our international expertise and our global network of experienced specialists.



EPS coating



Container truck

VIP Coatings – Key features

- Extremely fast tack-free & curing times
- Massive time savings - Fast return to service
- Protection against abrasion & impact
- Protection against corrosion & chemical attack
- Excellent adhesion to most substrates and material combinations
- Applied to any thickness in one application step
- Seamless, no welding or gluing
- Wide range of elongation characteristics
- Exceptional tensile strength at break
- High anti-skid properties up to R12
- High crack bridging abilities
- Antibacterial properties
- VOC and solvent free
- TopCoats are UV- and colour stable



Bus flooring



Garbage collecting tank



Mining truck bed

HIGH PERFORMANCE LINING SYSTEMS

VIP Lining System Substrates

Surface types and qualities as well as substrate combinations have a direct influence on the adhesion of the coating and therefore on the quality of the entire workpiece. A detailed analysis and exploration of the substrates is essential for successful coating structures. Depending on the evaluated substrate, appropriate mechanical and chemical pretreatments can improve the entire layer structure. Special primer systems are applicable.



Solid timber & wooden surfaces



Composites & sandwich elements



Metals & steel substrates



Plastics & foam materials



Mineral based substrates

Application Methods

An extreme speed of our systems is the big plus. Time saves money. VIP coating systems reduce the duration of application processes extremely and allow a high processing frequency of semi-automated and all-automatic coatings in your production. Depending on the set-up and performance requirements applications by cartridges, airless or hot spray/high pressure machines are selectable.



Hot spray



Robotic / Automatic



Hot Spray / Hopper system

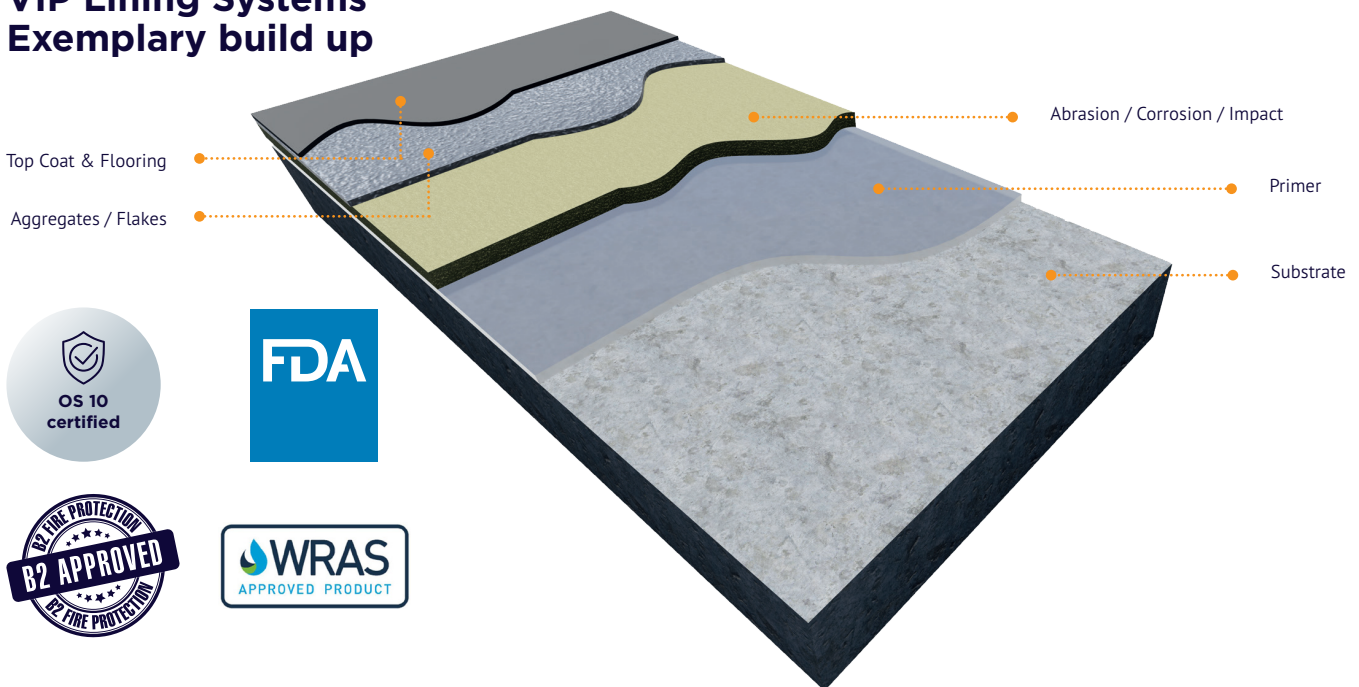


Low pressure

Product selection chart

Product	Substrate	Technical Performance
Primer		
1K PU Universal	GRP Composite / Metal & Steel, Wood	Good flexibility and impact resistance / Fast tack-free time
2K EP Primer C or CF	Stainless Steel / Wood / Concrete, Ceramic Tiles	Consistent chemical curing / Long Overcoat-Window / Fast tack-free time
Abrasion / Corrosion / Impact		
QuickSeal MP250	Metal & Steel, GRP, EPS, Wood, Concrete, 3D Printing – Postprocessing	Waterproofing, Flooring, Smooth Surface Finish
QuickSpray Industrial	Metal & Steel, GRP, EPS, Wood, Concrete	Protective Coating, Superior abrasion & temperature resistance
QuickSpray Industrial soft	Metal & Steel, GRP, EPS, Wood, Concrete	Protective Coating, Superior abrasion & temperature resistance, high elongation, high rebound resilience
QuickSpray Supreme HE	Metal & Steel, GRP, EPS, Wood, Concrete	High Elongation, High rebound resilience
QuickSpray Supreme AL	Metal & Steel, GRP, EPS, Wood, Concrete	100% Colour & UV stable No R40 classification, No IPDI
QuickSpray Supreme AL flex	Metal & Steel, GRP, EPS, Wood, Concrete	100% Colour & UV stable, No R40 classification, No IPDI, high elongation, high rebound resilience
QuickSpray Supreme AL soft	Metal & Steel, GRP, EPS, Wood, Concrete	100% Colour & UV stable, No R40 classification, No IPDI, high elongation, high rebound resilience, high elasticity
QuickSpray Xpress	Metal & Steel, GRP, EPS, Wood, Concrete	Small Applications, Repair System
Top Coat & Flooring		
QuickFloor 400 SF slow	Metal & Steel, GRP, Wood, Concrete	100% Colour & UV stable Highly chemical resistant, delayed pot-life, solvent free, transparent
QuickFloor 500	Metal & Steel, GRP, Wood, Concrete	100% Colour & UV stable, Highly chemical resistant, faster reaction times, lower viscosity, higher Shore hardness, transparent
QuickCoat 2.0	Metal & Steel, GRP, Wood, Concrete	Industrial coating, corrosion protection, colour of your choice
Aggregates / Flakes		
Aggregate A20	Thick Film Systems / Thin Layer Systems	Anti Skid Class R10 / V4 / Anti Skid Class R12 / V8
Decorative Flakes	Thin Layer Systems	Different Designs

VIP Lining Systems Exemplary build up

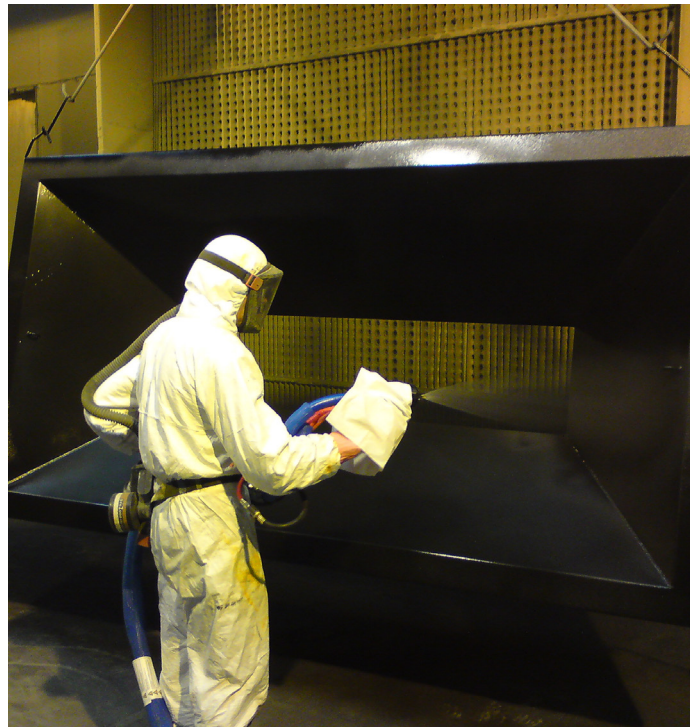


METALS & STEEL SUBSTRATES

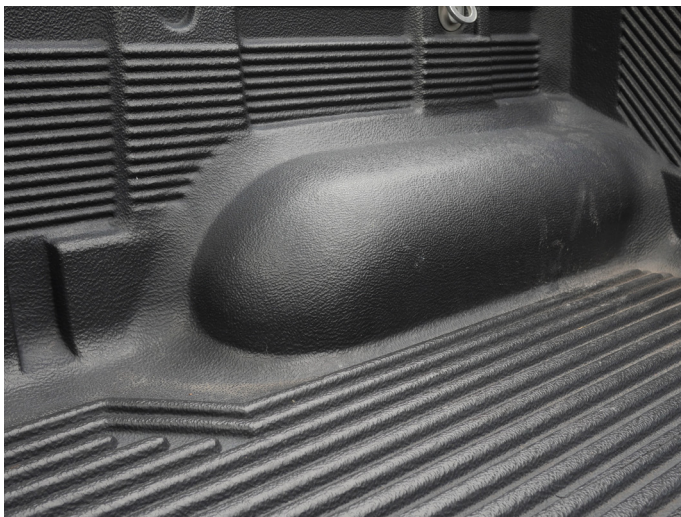
Metals	Application Possibilities	VIP System
Susceptible for corrosion	Steel & metal engineering Machinery & plant manufacturing Conveyor & drive engineering Pipelines & tubes Silos & tanks Bedliners & semitrailers Containers KTL plunge pools & crystallization basins Vibration grates & transport chutes Mixing tools & propellers Tooling & wear and tear parts Sandwich panels	QuickSpray Industrial QuickSpray Supreme AL QuickSpray Supreme HE QuickCoat 2.0 QuickFloor 400 SF Slow
Brass		
Copper		
Steel		
Anti-corrosive		
Aluminium		
Steel - Chromated		
Steel - Galvanised		
Steel - Stainless		
Emaillé		



Pipeline & joint field coatings



Collection hopper



PLASTICS & FOAM MATERIALS



Coating of EPS blocks



Soft foam coated



EPS foam coated



3D layer structure coated

Material
Thermoplastics
ABS
PA
PC
PUR (lower degree of cross-linking)
TPU
PVC
Thermosetting Plastics
EP
PUR (high degree of cross-linking)

Material
Thermoplastics – Foam
EPP foam
PUR foam
PE foam
EPS foam
XPS foam
Cellular glass boards
Elastomers
CR (Neoprene)
EPM/EPDM

Application Possibilities	VIP System
Sculpturing	QuickSeal MP500 QuickFloor 500 QuickCoat 2.0 QuickSpray Industrial
Prefab elements	
Waterproof panels	
Scenery construction	
Themed advertising	
Jacuzzies / bath tubes	
3-D Printing post-processing	
Outdoor furnitures	
Seats, benches	
Pontoons	
Fender	

COMPOSITES & SANDWICH ELEMENTS

Material	Application Possibilities	VIP System
Thermoplastics – Composites		
GRP	Pipes & tubes inside outside	QuickSeal MP250
CRP	Pipe joint sealing	QuickSeal PP350
BMC	Sport equipments	QuickSpray Industrial
SMC	Jet skis	QuickSpray Supreme AL
	Armored cars – roofs, door elements	QuickCoat 2.0
	Protection clothes	QuickFloor 500
	Balcony floor panels	
	Wet area elements	
Sandwich types	Transport goods protection	
EPP	Hail protection elements	
HKP triple wall	Vacuumsulation panels	
Exalite	Artificial rocks	
EPS panels		



Coated foam panels



GRP elements



Protection vests



In-mould-liner-system

SOLID TIMBER & WOODEN SURFACES

Material	Application Possibilities	VIP System
Natural Wood		
Birch	Loudspeakers	QuickSeal PP350
Spruce	Vehicle dashboards	QuickSpray Supreme AL
Processed Wood	Floor elements – semitrailers & trucks	QuickCoat 2.0
HPL boards	Bedliner elements	QuickFloor 500
MDF boards	Stage construction	
OSB boards	Outdoor furniture	
CPL	Floor panels	
Cork	Transport goods protection	



Outdoor loudspeakers



Final coat on wood panels



Topcoating of wooden parts

MINERAL-BASED SUBSTRATES

Material	Application Possibilities	VIP System
Stone & Concrete	Precast pipes inside/outside Pipe joint sealing Moulding negative shapes Waterproofing elements Prefabricated molds Scenery construction Pools	QuickSeal MP250 QuickSeal PP350 QuickSpray Industrial QuickCoat 2.0 QuickFloor 400 SF Slow
High-Tech Concrete		
Natural Stones		
Artificial Stones		
Cement & Screed		
Aluminate Cement		
Cement & Screed		
Tiles		
Glass		
Emaillé		



Concrete pipeline element coated



Collection pipes



Concrete elements infrastructure



FIELDS OF APPLICATION - PUBLIC SECTOR

Emergency vehicles, public transport & military



Armored car – inside protective coating

These vehicles have to withstand most diverse road conditions with high loadings, endure heavy stress in daily use at a high level of a yearly kilometrage. At the same time a safe passenger transportation has top priority. State government fleet managements are optimizing cost-effective solutions to extend vehicle life circles and save on maintenance, repair cost and downtime.

VIP offers special spray-on coating technologies to fulfill several protection requirements.



Train flooring



Ambulance flooring

Fields of Application	Application	Hygienic-Cleaning	Impact	Chem. Resistance	Corrosion	Application Speed	Anti-skid	Waterproofing	Sound Deadening	Aesthetics	Blast
Ambulance	Floors	✓		✓		✓	✓				
Fire Engines & Police trucks	Crew Cabins, Storage		✓		✓	✓	✓			✓	
Snow plows & Salt trucks	Blades, Bulk containers, Snails, Spreaders		✓	✓	✓	✓		✓			✓
Street Sweepers	Blades, Bulk containers, Snails, Spreaders		✓	✓	✓	✓		✓			✓
Garbage Trucks	Collection containers		✓	✓	✓	✓					
Buses	Dashboards, Floors, Wet Areas Luggage compartment	✓	✓			✓	✓	✓	✓	✓	
Train Wagons	Floors, Hopper tanks Seats, Underbody protection	✓	✓		✓	✓	✓	✓	✓	✓	
Armored Transportation	Chassis, Door & roof panels Underbody protection		✓		✓	✓					✓
Defense Vehicles	Chassis, Door & roof panels Underbody protection		✓		✓	✓					✓

PRIVATE SECTOR

Private & leisure vehicles

VIP offers universal coating solutions to protect your vehicles exterior and interior. From underbody protection, through rehabilitation and waterproofing of the cabins to the final roofing layers against hail impact. VIP coating systems withstand significant damage and consider also ascetical and optical requirements like colour-fastness for interior vehicle dashboards or accessories.

New application technologies fulfill the OEM requirements concerning controlled and reliable coating processes.



Bed liner coated



Camper hail protection



Jetski underbody and trailer protection

Fields of Application	Application	Hygienic-Cleaning	Impact	Chem. Resistance	Corrosion	Application Speed	Anti-skid	Waterproofing	Sound Deadening	Aesthetics	Insulation
Pick-Ups & Jeeps	Bed liners, Underbody protection, Wheel housing	✓	✓	✓	✓					✓	
Cars	Dashboards, Interior & exterior parts, Undercarriage protection	✓		✓	✓					✓	
Vans	Floors, Storage	✓	✓		✓	✓				✓	
Horse Trailers	Soft Floors, Underbody Protection	✓	✓	✓	✓	✓	✓				
Caravans & Recreational Vehicles	Floors, Hail Protection, Storage, Wet areas	✓	✓			✓	✓	✓	✓	✓	
Mobile Homes	Floors, Roofs, Wet Areas	✓		✓	✓	✓	✓	✓	✓	✓	✓

FIELDS OF APPLICATION



Liquid transportation – primary containment

Commercial & construction vehicles

Vehicles can be used in difficult, tough on-road and off-road conditions, in an environment of the highest levels of corrosion, impact and abrasion. VIP high-reactive protective coatings offer outstanding shielding characteristics, usable from standard bed liners to vehicle surfaces with heavy stress. A liner set-up for almost any substrate or material combination is processible.

Protect your assets and reduce your downtime intervals to get a higher output-performance.



Livestock transport riffle plates



COMMERCIAL SECTOR

Fields of Application	Application	Hygienic-Cleaning	Impact	Chem. Resistance	Corrosion	Application Speed	Anti-skid	Waterproofing	Sound Deadening	Aesthetics	Sup-Zero-Areas	Insulation	Blast
Refrigerated Trucks	Floors, Cold Storage, Underbody Protection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Livestock Transport	Floors, Ramps, Wall panels	✓	✓	✓	✓	✓							
Containers	Body protection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Truck Trailers	Bed liners, Bulk bodies, Hopper tanks, Ramps	✓	✓	✓	✓	✓	✓						
Agricultural Engines	Underbody Protection, Wear Parts Wheel Housing		✓	✓	✓	✓							
Construction vehicles	Buckets & Blades, Underbody Protection Wear Parts, Wheel Housing		✓	✓	✓	✓							



Bulk transport truck bed



Refrigerated trucks



Farming collecting container



Fender boat coating

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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