



2021 | English

HIGH PERFORMANCE LINING SYSTEMS

SURFACE TECHNOLOGIES
PROTECTION, REINFORCEMENT & FINISH

INDUSTRIAL LININGS

WATERPROOFING

FLOORING

TURNKEY SOLUTIONS



HIGH PERFORMANCE LINING SYSTEMS

VIP Coating Technologies

VIP Coatings 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.

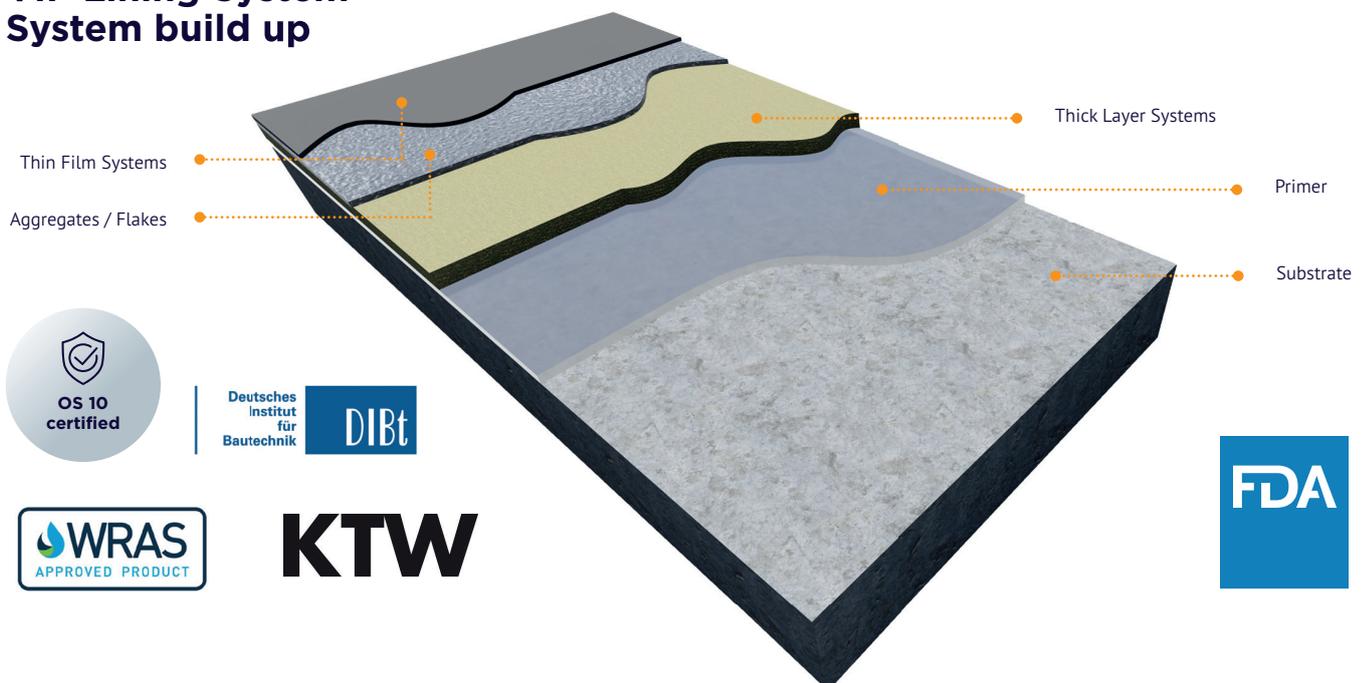
Sprayed, cast or injected onto virtually any type of substrate or material combination, applicable for components, composite build-ups, wear & tear parts, de-moulding elements as well as moulding forms and various workpieces, the cured membrane extends your product lifecycle. VIP technology performs 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.

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
- Lightweight performance
- Seamless, no tempering, no welding or gluing
- Wide range of elongation characteristics
- Exceptional tensile strength at break
- High crack bridging abilities
- Antibacterial properties
- VOC, solvent free, H-351, no IPDI, no Styrenes, low odour
- TopCoats are UV- and colour stable
- High anti-skid properties up to R12

VIP Lining System System build up



HIGH PERFORMANCE LINING SYSTEMS

Application Methods

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.



Hot spray



Robotic / Automatic



Hot Spray / Hopper system



Low Pressure



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.

HIGH PERFORMANCE LINING SYSTEMS

VIP Coating Technologies	Aromatic Systems	Aliphatic Systems	Technical Performance
Polyurea Thick Layer Systems (>= 1,0mm)	UV Stable	UV and colour stable	
		QuickSpray Supreme AL	Protective coating, 100% Colour & UV stable free of H-351 classification, IPDI & HDI based
		QuickSpray Supreme AL Soft	Protective coating, 100% Colour & UV stable free of H-351 classification, IPDI & HDI based, high elongation
	QuickSpray Industrial		Protective coating, abrasion, impact & temperature resistance
	QuickSpray Supreme HE		Protective coating, high elongation, high rebound resilience
	QuickSpray Industrial W QuickSpray Supreme W		Protective coating, waterproofing, potable water certified
	QuickSeal PP350		Protective coating, superior abrasion resistance
	QuickSeal MP250 QuickSeal MP500		Waterproofing, flooring, smooth surface finish, fire rated
	QuickSpray Xpress Standard		Small applications, repair system, cartridge system
Polyaspartics Thin film (>= 0,2mm)			
Polyaspartic Technology		QuickCoat	Industrial coating, corrosion protection
		QuickFloor 400 SF Slow	100% Colour & UV stable Highly chemical resistant, delayed pot-life, solvent free
		QuickFloor 500	100% Colour & UV stable Highly chemical resistant, faster reaction times, lower viscosity, higher Shore hardness

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.



Sandblasting of steel pipes

Primer Systems	Solvent-Borne	Solvent-Free	Substrates / Technical Performance
Epoxy based		QuickPrime EP SF	eg Concrete, carbon steel, mild steel Recoat window 2-4 h
PUR based	QuickPrime 1K PU Universal	QuickPrime 1K PU SF	eg black steel, GRP Recoat window 2 h

METALS & STEEL SUBSTRATES

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



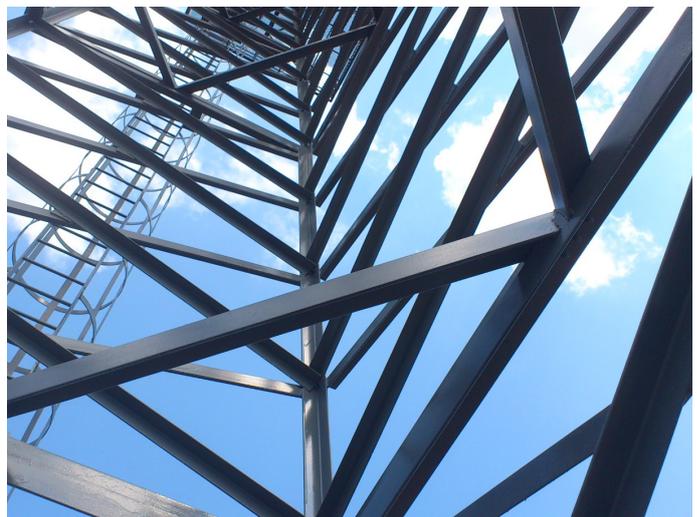
Pipeline & joint field coatings



Collection hopper



Bedlining



Coating of power poles

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 FR 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
	Protection clothes	QuickFloor 500
	Balcony floor panels	
	Wet area elements	
Sandwich types		
EPP	Transport goods protection	
HKP triple wall	Hail protection elements	
Exalite	Vacuumsulation panels	
EPS panels	Artificial rocks	



Coated foam panels



GRP elements



Protection vests



In-mould-liner-system

SOLID TIMBER & WOODEN SURFACES

Material	Application Possibilities	VIP System
Natural Wood		
Birch	Loudspeakers	
Spruce	Vehicle dashboards	
Processed Wood		
HPL boards	Floor elements – semitrailers & trucks	QuickSeal PP350
MDF boards	Bedliner elements	QuickSpray Supreme AL
OSB boards	Stage construction	QuickFloor 400 SL
OSB boards	Outdoor furniture	QuickCoat FR
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 QuickFloor 400 SL 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



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



EN-OEM 09/2019



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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