SHERWIN WILLIAMS®

PROTECTIVE COATINGS FOR STEEL TRAFFIC CONSTRUCTION

FROM SPEC TO PROTECT

protectiveeu.sherwin-williams.com

CONTENT

CORROSION PROTECTION OF TRAFFIC CONSTRUCTION

We encounter large and visible steel structures in everyday life, especially in infrastructure. Motorways, roads, and railway bridges are especially eye-catching. They cross rivers, gorges, roads or railway tracks, connect us and help to shorten routes. Almost every bridge and building is unique – tailor-made engineering for the local conditions. Whereas bridges were mainly made of wood and stone in earlier centuries, steel has dominated building materials since the 20th century. Most of these bridges are still in use today. However, reinforced concrete is often used to construct new bridges – in combination with numerous steel elements, such as struts, wire ropes, beams or hollow bodies and orthotropic road surfaces.

Important notice:

Following the transfer of the Industrial Coatings business from Sika to Sherwin-Williams on 1st April 2022, our entire product portfolio had to be rebranded in accordance with the Sherwin-Williams branding as of 1st July 2023.

Detailed information on product naming and a holistic overview of all old and new product names can be found in our new Product Reference Guide.

Download the brochure now at.
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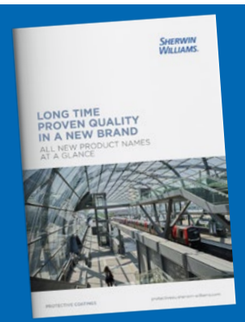


AREAS OF APPLICATION

PROVEN PROTECTION OVER DECADES

For atmospheric environments, the TL-Blatt 87 is the standard for civil engineering structures in Germany. These coating materials protect all relevant structures against corrosion. They are used where aesthetics and durability are required, such as on bridges, airports and railway stations.

APPLICATION AREAS

- All steel structures and visible surfaces
- Complete corrosion protection in the factory or complete renewal on site
- Primer and intermediate coat in the factory, top coat on the construction site
- Coating of weld joints

PRODUCT FEATURES

- Very high corrosion protection for all corrosive atmospheres
- Top coat with high weather resistance

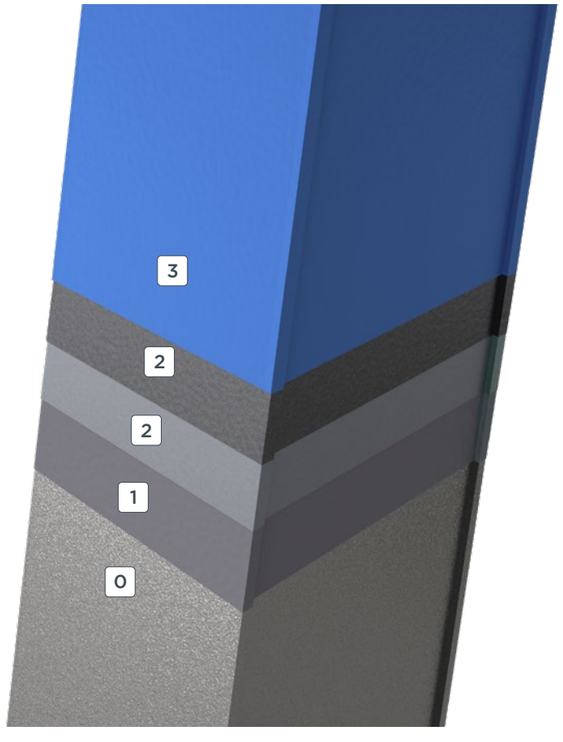
SYSTEM

0 Substrate: Steel Sa 2½

1 Primer: **Zinc Clad® R Rapid**
2-pack epoxy zinc-rich, solvent based

2 Intermediate coat:
2 × Macropoxy® EG-1 Rapid
2-pack high solid, micaceous iron oxide epoxy intermediate coat

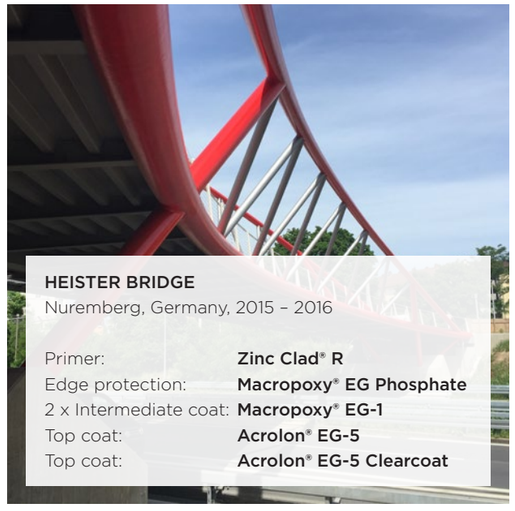
3 Top coat:
Acrolon® EG-4 / Acrolon® EG-5
+ Acrolon® PUR Accelerator / Acrolon® 2330
2-pack acrylic polyurethane top coats in RAL or in DB (MIO) colour shades



The illustration shows an exemplary system.

PROVEN IN USE FOR DECADES

With a Sherwin-Williams coating system according to ZTV-ING (additional technical terms of contract and guidelines for civil engineering works) and TL/TP-KOR-Stahlbauten (technical terms of delivery and technical test regulations for corrosion protection coating materials for steel structures), it's possible to reach a durability of more than 25 years, even in a very corrosive atmosphere. However, many years of experience with these proven coating systems show that even a service life of more than 30 years is possible. Numerous references have confirmed this.



HEISTER BRIDGE
Nuremberg, Germany, 2015 – 2016

Primer:	**Zinc Clad® R**
Edge protection:	**Macropoxy® EG Phosphate**
2 x Intermediate coat:	**Macropoxy® EG-1**
Top coat:	**Acrolon® EG-5**
Top coat:	**Acrolon® EG-5 Clearcoat**

NECKAR BRIDGE
Stuttgart Bad Cannstatt, Germany, 2014 – 2020

Primer:	**Zinc Clad® R**
Edge protection:	**Macropoxy® EG Phosphate N**
1. Intermediate coat:	**Macropoxy® EG-1 Plus**
2. Intermediate coat:	**Acrolon® ZP-1**
Top coat:	**Acrolon® EG-4**

HOCHMOSEL BRIDGE
Zeltingen-Rachtig, Germany, 2012 – 2019

Primer:	**Zinc Clad® R**
Edge protection:	**Macropoxy® EG Phosphate**
2 x Intermediate coat:	**Macropoxy® EG-1**
Top coat:	**Acrolon® EG-4**

PLUS PRODUCTS

More efficient and economical – the new EG-System Plus. Compared to the conventional system, the Plus variant offers considerable savings in terms of material consumption. Therefore, the Plus systems provide significant cost advantages, especially for more extensive areas. In addition, processes are accelerated during application, due to shorter drying times and fewer pails used. Fewer pails used reduce the cost of disposal and thus help the environment. Furthermore, the content of volatile organic compounds (VOC) per square meter is also reduced.

RAILWAY BRIDGE
Berlin, Germany, 2021

Primer:	**Zinc Clad® R Plus**
Edge protection:	**Macropoxy® EG Phosphate N**
2 x Intermediate coat:	**Macropoxy® EG-1 Plus**
Top coat:	**Acrolon® EG-4**

EG-System Rapid in comparison to EG-System Rapid Plus

	STANDARD SYSTEM	PLUS-SYSTEM
PRIMER:	**Zinc Clad® R Rapid**	**Zinc Clad® R Rapid Plus**
Vol. solids %	63	69
Wt. solids %	88	88
DFD µm	80	80
WFD µm	130	116
Consumption kg/m²	0.370	0.267
VOC g/m²	44	32
2 × INTERMEDIATE COAT:	**Macropoxy® EG-1 Rapid**	**Macropoxy® EG-1 Rapid Plus**
Vol. solids %	56	66
Wt. solids %	77	80
DFD µm	80	80
WFD µm	145	121
Consumption kg/m²	0.230	0.182
VOC g/m²	53	36
TOP COAT:	**Acrolon® EG-4**	
Vol. solids %	55	
Wt. solids %	70	
DFD µm	80	
WFD µm	145	
Consumption kg/m²	0,204	
VOC g/m²	61	

Summarized system values in comparison

	STANDARDSYSTEM	PLUS-SYSTEM
DFD µm	320	320
WFD µm	565	503
Consumption kg/m²	1.034	0.835
VOC g/m²	211	165

All values are theoretical

LESS WASTE
Reduction of pails packaging

LESS VOC
Reduced VOC content per m²

SHORT DRYING TIME
Faster, even at low temperatures

MIX FEWER PAILS
More area per pail

REDUCED COST
Reduced cost per m²

HIGH-QUALITY CORROSION PROTECTION

Since 1998 the corrosion protection of steel structures has been regulated by the international standard ISO 12944. We encounter large and visible steel structures in everyday life, especially in infrastructure. If state guidelines and regulations do not regulate the corrosion protection of infrastructure constructions, systems according to ISO 12944 are required or recommended.

Our range of high-quality corrosion protection coatings and systems, according to ISO 12944 offers advanced protection and easy application. The selection of the best coating system depends on the expected durability and aesthetics as well as technical and economic aspects. We offer different systems to meet your requirements.

Ijssel bridge Zwolle, Netherlands, 2010

SYSTEM
Premium C5 very high

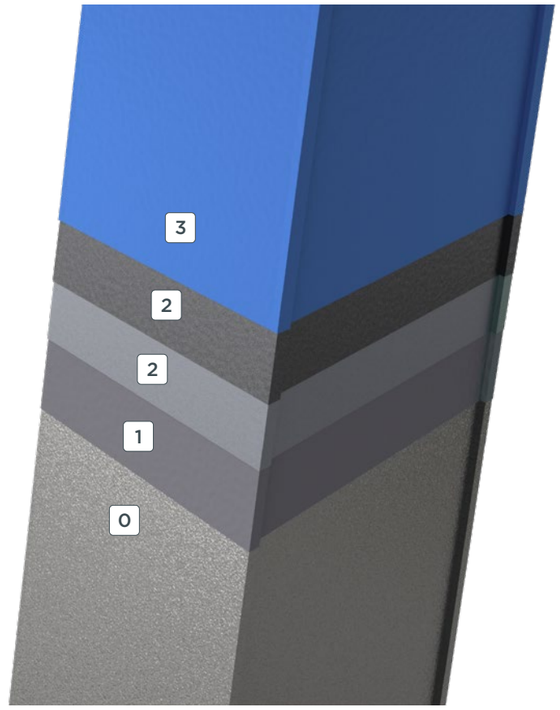
0 Substrate: Steel Sa 2½

1 Primer: **Zinc Clad® R Plus**
2-pack high solid epoxy zinc-rich primer

2 Intermediate coat: **2 × Macropoxy® EG-1 Plus**
2-pack high solid, micaceous iron oxide epoxy intermediate coat

3 Top coat:
Acrolon® EG-4 / Acrolon® EG-5 / Acrolon® 2330
2-pack very high solid, acrylic polyurethane top coat in RAL colour shades with high weather and colour stability

The illustration shows an exemplary system.



SYSTEM
High quality C5 high

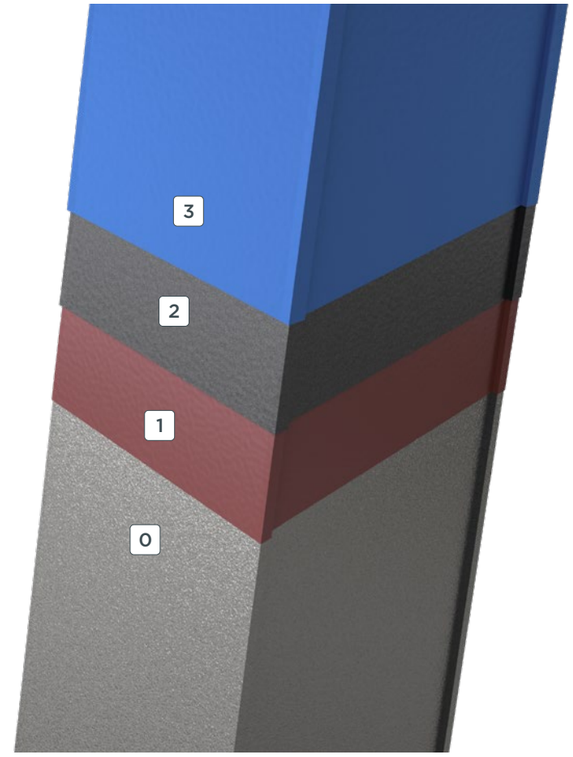
0 Substrate: Steel Sa 2½

1 Primer: **Macropoxy® EG Phosphate N**
2-pack high solid, fast curing epoxy zinc phosphate primer

2 Intermediate coat: **Macropoxy® EG-1 Rapid Plus**
2-pack high solid, fast curing micaceous iron oxide epoxy intermediate coat

3 Top coat:
Acrolon® EG-4/ Acrolon® EG-5
2-pack acrylic polyurethane top coat in RAL colour shades

The illustration shows an exemplary system.



SYSTEMS FOR NEW STEEL CONSTRUCTIONS

COATING SYSTEMS FOR CORROSION PROTECTION OF STEEL STRUCTURES IN VARIOUS ATMOSPHERIC CONDITIONS ACCORDING TO ISO 12944-5:2020. SURFACE PREPARATION: SA 2½ (ISO 12944-4:2018)

Surface Preparation	Primer		Intermediate Coat		Top Coat		Total System		Corrosivity category								
									C3	C4				C5			
	Product	NDFT (µm)	Product	NDFT (µm)	Product	NDFT (µm)	Minimum numbers of coats	NDFT (µm)	very high	low	medium	high	very high	low	medium	high	very high
Sa 2½	**Macropoxy® EG-1 Plus**	160	**–**	–	**Acrolon® EG-5***	80	2	240	■	■	■	■		■	■		
	Zinc Clad® 2204 VHS	220	**–**	–	**Acrolon® EG-5***	80	2	300	■	■	■	■	■	■	■	■	
	Dura-Plate® Poxicolor SW N	220	**–**	–	**Acrolon® EG-5***	80	2	300	■	■	■	■	■	■	■	■	
	Macropoxy® EG Phosphate N	100	**Macropoxy® EG-1 Plus**	120	**Acrolon® EG-5***	80	3	300	■	■	■	■	■	■	■	■	
	Macropoxy® EG-1 Rapid	100	**Macropoxy® EG-1 Rapid Plus**	120	**Acrolon® EG-5***	80	3	300	■	■	■	■	■	■	■	■	
	Zinc Clad® R (Plus)	60	**Macropoxy® EG-1 Plus**	120	**Acrolon® EG-5***	80	3	260	■	■	■	■	■	■	■	■	
	Zinc Clad® 2204 VHS	140	**Zinc Clad® 2204 VHS**	140	**Acrolon® EG-5***	80	3	360	■	■	■	■	■	■	■	■	■
	Zinc Clad® R (Plus)	80	**Macropoxy® EG-1 VHS/ Plus**	160	**Acrolon® EG-5***	80	3	320	■	■	■	■	■	■	■	■	■
	Zinc Clad® R Rapid (Plus)	80	**Macropoxy® EG-1 Rapid Plus**	2x80	**Acrolon® EG-5***	80	4	320	■	■	■	■	■	■	■	■	■

* Alternatively Acrolon® EG-4, Acrolon® 2330 or Acrolon® 2230 VHS

APPLICATION AREAS

- All steel structures and visible surfaces
- Complete corrosion protection in the factory or complete renewal on site
- Primer and intermediate coat in the factory, top coat on the construction site
- Coating for weld joints
- Repair

FURTHER INFORMATION
Explore more about our coating systems according to ISO 12944 and download our brochure “corrosion protective coatings for steel structures” on our website
protectiveeu.sherwin-williams.com

MAINTENANCE OF STEEL STRUCTURES

The life expectancy of a modern bridge is > 100 years. Regular corrosion protection checks and repairs are essential to meet this expectation. In addition, it may become necessary to refurbish the complete corrosion protection system after some years. Often, only partial or limited surface preparation is possible. Therefore, special surface-tolerant systems are recommended.

APPLICATION AREAS

- Complete refurbishment on the construction site
- Repair or partial renewal of old coatings
- Coating of weld joints
- Partial and limited surface preparation

SYSTEM

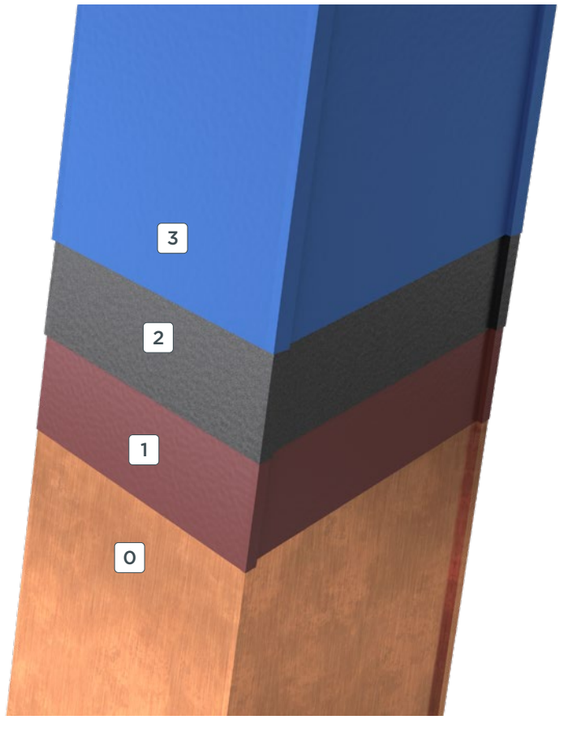
Example of a 2-pack system

0 Substrate: Steel PSt2, PSt3, PMa

1 Primer: **Macropoxy® Primer HE N**
2-pack high solid, surface-tolerant epoxy primer

2 Intermediate coat: **Macropoxy® EG-1 VHS N**
2-pack very high solid micaceous iron oxide epoxy intermediate coat

3 Top coat:
Acrolon® EG-4 / Acrolon® EG-5
2-pack acrylic-polyurethane,
in DB- or RAL-colour shades



Die Darstellung zeigt einen beispielhaften System.
Alle gelisteten nach Blatt 94 finden Sie in unserem BASt Flyer.

Sloboda bridge Novi Sad, Serbia, 2004 – 2006

Freedom Bridge Budapest, Hungary, 1998

SYSTEMS FOR MAINTENANCE

COATING SYSTEMS FOR MAINTENANCE OF STEEL CONSTRUCTIONS IN VARIOUS ATMOSPHERIC CONDITIONS

Surface Prparation	Primer		Intermediate Coat		Top Coat		Total System		Corrosivity category											
									C3				C4				C5			
	Product	NDFT (µm)	Product	NDFT (µm)	Product	NDFT (µm)	Minimum numbers of coats	NDFT (µm)	very high	medium	high	very high	low	medium	high	very high	low	medium	high	very high
P St 2	**Kem Kromik™ 6630 Primer**	80	**Kem Kromik™ 6630 High Solid EG***	80	**Kem Kromik™ 6630 High Solid***	80	3	240	■	■	■		■	■			■			
P St 2	**Macropoxy® Primer HE N**	140	**–**	–	**Acrolon® EG-5***	80	2	220	■	■	■		■	■			■			
P St 3	**Macropoxy® Primer HE N**	100	**Macropoxy® EG-1 Plus**	80	**Acrolon® EG-5***	80	3	260	■	■	■	■	■	■	■		■	■		
P Ma	**Macropoxy® Primer HE N**	100	**Macropoxy® EG-1 VHS/ Plus**	140	**Acrolon® EG-5***	80	2	320	■	■	■	■	■	■	■	■	■	■	■	
Sa 2½	**Macropoxy® Primer HE N**	100	**Macropoxy® EG-1 VHS/ Plus**	140	**Acrolon® EG-5***	80	2	320	■	■	■	■	■	■	■	■	■	■	■	
Sa 2½	**Macropoxy® EG Phosphate N**	80	**Macropoxy® EG-1 Plus**	140	**Acrolon® EG-5***	80	2	300	■	■	■	■	■	■	■	■	■	■	■	

* Alternatively Acrolon® EG-4, Acrolon® 2330 or Acrolon® 2230 VHS

APPLICATION AREAS

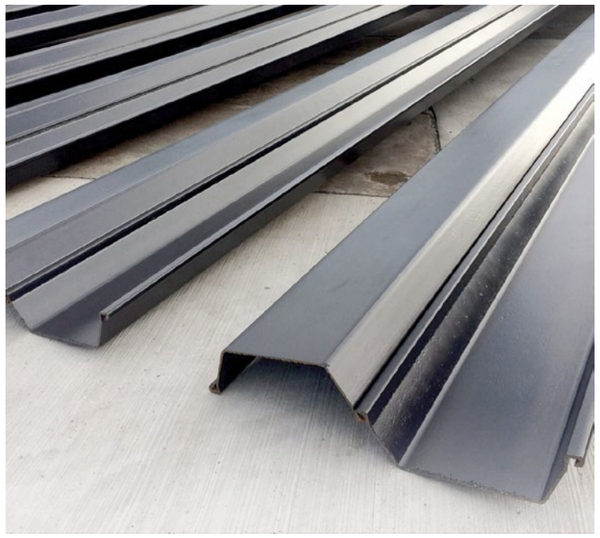
- Complete refurbishment on the construction site
- Repair or partial renewal of old coatings
- Coating of weld joints
- Partial and limited surface preparation

SURFACES IN CONTACT WITH SOIL, WATER OR CONCRETE

Steel constructions in direct contact with soil, water or concrete must withstand the highest demands due to their location and the life expectations of the structure. Therefore, they require high-quality coating systems which can withstand mechanical impact and all types of water to provide a good barrier against corrosive substances.

APPLICATION AREAS

- Steel surfaces in contact with water and soil (piles, steel columns, sheet pile walls)
- No longer accessible areas of steel structures
- Internal coatings of drainage rings and pipes

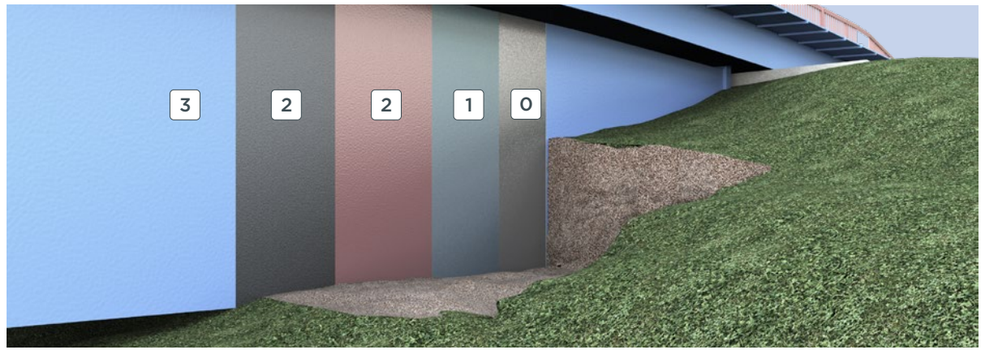


Sheet pile walls

Drainage pipes

SYSTEM

Example of a system for immersion category



0 Substrate: Steel Sa 2½

1 Primer:
Zinc Clad® R Plus
2-pack epoxy based, zinc-rich primer

2 Top coats:
2× Macropoxy® Poxicolor
Very high solid, abrasion resistant, economical 2-pack coating based on epoxy resin

3 Use additional top coats in case of increased demands on colour stability.

The illustration shows an exemplary system.

COATING SYSTEMS FOR SURFACES IN CONTACT WITH SOIL, WATER OR CONCRETE

Primer		Intermediate coat		Top Coat		Total System		Corrosivity Category											
								Im1				Im2				Im3			
Product	NDFT (µm)	Product	NDFT (µm)	Product	NDFT (µm)	Minimum numbers of coats	NDFT (µm)	low	medium	high	very high	low	medium	high	very high	low	medium	high	very high
Zinc Clad® R	50	**Dura-Plate® Poxicolor SW N**	225	**Dura-Plate® Poxicolor SW N**	225	3	500	■	■	■		■	■	■		■	■	■	
Dura-Plate® Poxicolor SW N	220	–	–	**Dura-Plate® Poxicolor SW N**	250	2	500	■	■	■		■	■	■		■	■	■	
	–	–	–	**Dura-Plate® SW-501**	500	1	500	■	■	■		■	■	■		■	■	■	

FRICTION SURFACES

Friction connections are traditionally used in steel construction whenever slippage and deformation in the screwed connections must be minimized.

APPLICATION AREAS

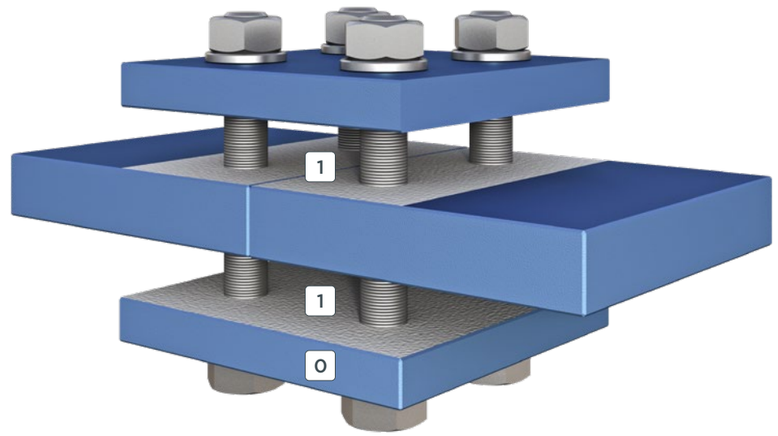
- Friction surfaces of non-slip bolted connections

PRODUCT FEATURES

- 1-pack system
- Friction surface class A according to EN 1090-2 (Coefficient of static friction Q ≥ 0.5)
- Very good corrosion protection also with exposure to water and moisture
- Fast drying, dries even with relative humidity < 50 %
- Versatile recoatable with 1-pack and 2-pack coating materials

COATING

Tested for threaded friction connections



0 Substrate: Steel Sa 2½

1 Coating:
Zinc Clad® ZS
1-pack solvent based zinc-ethyl-silicate primer

The illustration shows an exemplary system.

Border triangle bridge Weil am Rhein, Germany, 2006

BALLAST TROUGH COATINGS

Coating systems for ballast trough bridges have high wear resistance and high elasticity. The coating is used for the vertical and horizontal surfaces of ballast contact.

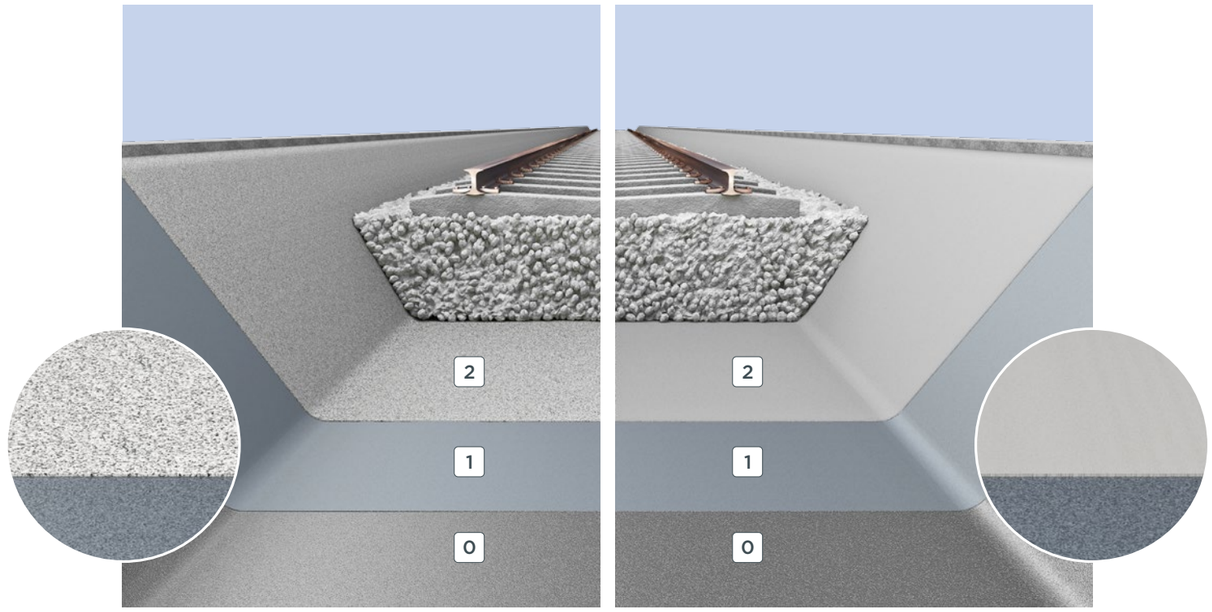
APPLICATION AREAS

- Vertical and inclined surfaces of ballast-contacting slab track, deck and trough bridges
- Horizontal and inclined surfaces of ballast-contacting roadway slabs, deck and trough bridges

PRODUCT FEATURES

- Long-lasting corrosion protection even at high mechanical stress
- Very resistant due to a EP-PU hybrid binder
- Easy to apply
- Fast drying times for short shutdown times for full refurbishment or maintenance work

Dnieper river railway bridge Kiev, Hungary, 2007



SYSTEM FOR HAND APPLICATION:

0 Substrate: Steel Sa 2½

1 Primer (optional):
Macropoxy® HM Primer Plus
2-pack epoxy based primer containing micaceous iron oxide

2 Top coat:
Elastomastic™ TFN
2-pack, solvent-free, thick-layer epoxy-polyurethane hybrid coating

Filler/broadcasting
Quartz sand 0,4 – 0,7 mm

SYSTEM FOR AIRLESS SPRAYING APPLICATION:

0 Substrate: Steel Sa 2½

1 Primer (optional):
Macropoxy® HM Primer Plus
2-pack epoxy based primer containing micaceous iron oxide

2 Top coat:
Elastomastic™ Airless
2-pack, solvent-free, thick-layer polyurethane coating

The illustration shows an exemplary system.

COATINGS FOR FULLY LOCKED COIL ROPES AND CABLES

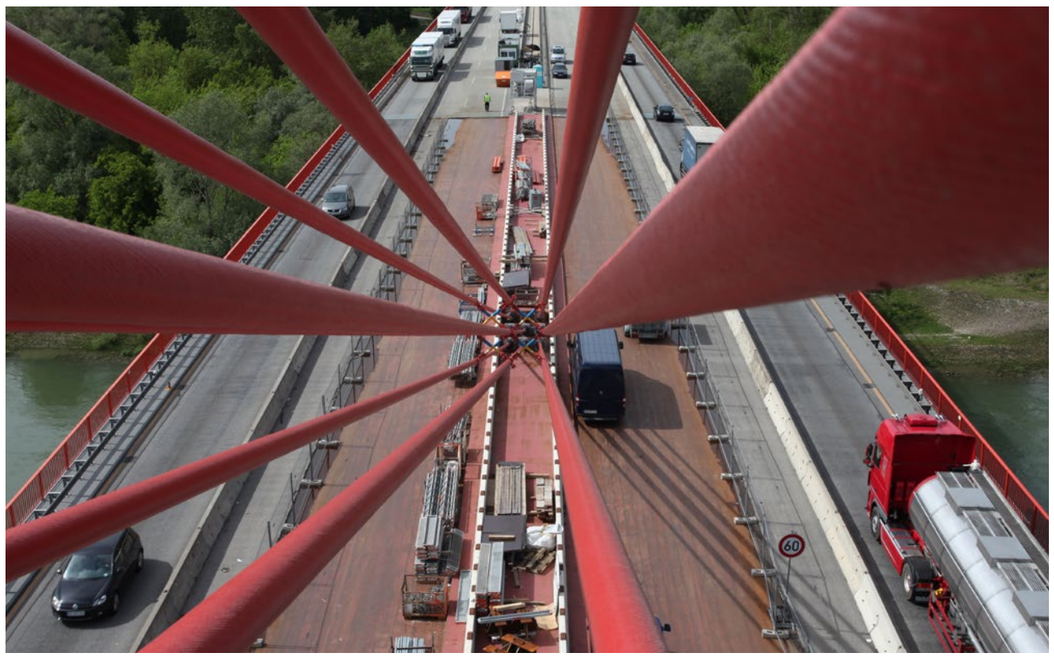
Coating materials for fully locked ropes and cables resist strong vibrations and mechanical stress while offering long-lasting corrosion protection. Additionally, the coatings provide a unique colour design for the overall aesthetic concept of the cable or suspension bridge.

APPLICATION AREAS

- Coating, sealing and grouting materials for the corrosion protection of fully locked cables.
- Cable-stayed bridges & suspension bridges

PRODUCT FEATURES

- Elastic and thicker layer corroision protection coatings
- High mechanical resistance even at high temperature fluctuations
- Compatible with common rope filling materials
- Very high corrosion protection



Rhine bridge Speyer, Germany, 2013

COATING PROCESS

- The first coating of cables or ropes takes place on the construction site
- The primer can be applied before or after installation
- The intermediate coats and top coat can only be applied after the ropes are completely fixed

COATING SYSTEM

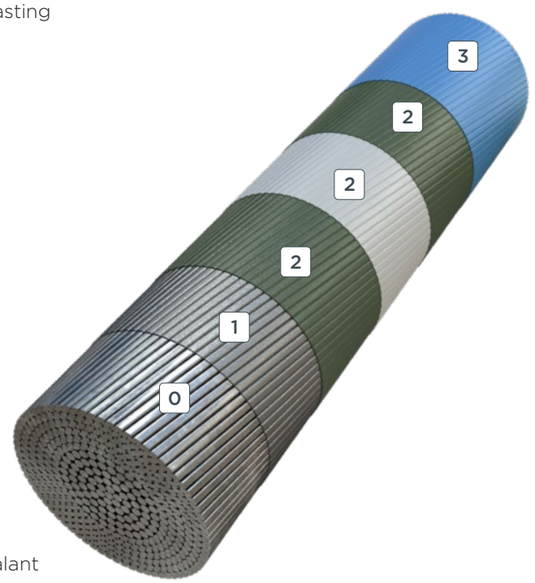
On steel or galvanized steel

0 Substrate: Steel Sa 2½ or galvanized steel sweep-blasting

1 Primer: **SherCor™ Cable Primer Plus**
2-pack, low-solvent epoxy based primer containing zinc phosphate

2 Intermediate coats: **2–3 × SherCor™ Cable Top 1**
2-pack, low-solvent polyurethane intermediate coat containing micaceous iron oxide with high elasticity, impact resistance and wear resistance

3 Top coat: **SherCor™ Cable Top 2**
2-pack, low-solvent elastic polyurethane top coat in MIO and RAL colour shades



ADDITIONAL PRODUCTS

- **SherCor™ Cable Flex-1** 2-pack, solvent-free, elastic sealant based on polyurethane for joints and crevices
- **SherCor™ Cable Flex-2**
  2-pack solvent-free, highly penetrating, low-viscosity polyurethane-based injection resin for filling cavities

The illustration shows an exemplary system.

PROTECTION OF ROAD COVER PLATES

When mastic asphalt is too heavy, reactive-resin bonded thin coatings can be applied to protect the road surface of the steel bridge. The coating system and the special filler improve the driving characteristics and provide long-lasting protection.

APPLICATION AREAS

Roadways:

- Lifting bridges
- Bascule bridges
- Movable bridges

PRODUCT FEATURES

- Corrosion protection for the steel plate
- Reduction of driving noise
- Increase in abrasion resistance in roadways

COATING SYSTEM

Sealing system for for roadways

0 Substrate: Steel Sa 2½

1 Primer:
Macropoxy® HM Primer Plus
2-pack epoxy based primer containing micaceous iron oxide

2 Top coat: **Elastomastic™ TFN**
2-pack, solvent-free, thick-layer epoxy-polyurethane hybrid coating

Filler/broadcasting:
Durop 2-3 mm, 1:1

The illustration shows an exemplary system.

Steel bascule bridge Donggang, Taiwan, 2011

PROTECTION OF PAVEMENTS

Reactive-resin bonded thin coatings have been used for decades for pavement and bike path bridges. Quartz sand improves the resistance and long-term protection of this organic coating regarding regular pedestrian and bicycle traffic.

APPLICATION AREAS

Sidewalks and bike paths:

- Pedestrian footbridges
- Stairways
- Bicycle bridges

PRODUCT FEATURES

- Corrosion protection for the steel plate
- Slip resistance for footpaths and bicycle tracks

COATING SYSTEM

Sealing system for footpaths and bicycle tracks

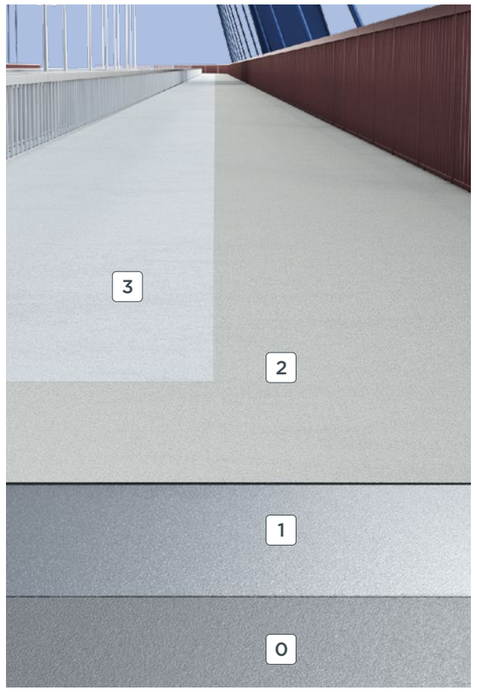
0 Substrate: Steel Sa 2½

1 Primer:
Macropoxy® HM Primer Plus
2-pack epoxy based primer containing micaceous iron oxide

2 Top coat: **Elastomastic™ TFN**
2-pack, solvent-free, thick-layer epoxy-polyurethane hybrid coating

Filler/broadcasting:
Durop 2-3 mm, 1:1

3 Sealing (optional): **Acrolon® EG-5**
2-pack acrylic-polyurethane, in RAL-colour shades



The illustration shows an exemplary system.

Pedestrian bridge across the Eisack Bolzano, Italy, 2008

Pedestrian and cycle path bridge Leverkusen, Germany, 2005

WATERPROOFING SYSTEM UNDER MASTIC ASPHALT

The waterproofing of steel bridges has a long tradition. The innovative Sherwin-Williams waterproofing systems for orthotropic steel plates offer excellent sealing and compatibility with mastic asphalt. Proven products are newly combined with a modified hot melt granulate. Despite fewer work steps, long durability is given.

SEALING WITH INNOVATIVE ADHESIVE LAYER

As a tack layer, a hot-melt adhesive granulate is sprinkled into the adhesive layer.

During asphalting, the tack layer is exposed to temperatures of around 150°C. This melts, expands and creates a cushioning system under the asphalt system.

ADVANTAGES

- Less weather dependent
- Fast application
- Very good adhesion between the layers
- Excellent shear strength

SYSTEM

Sealing with innovative adhesive layer

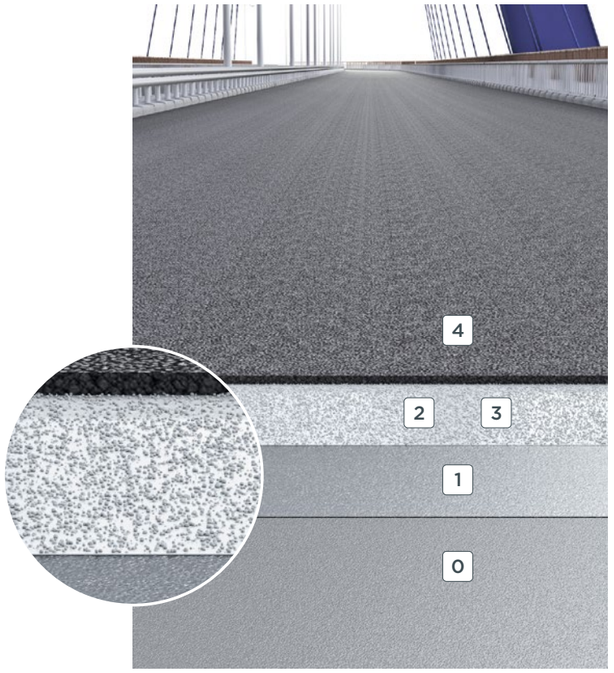
0 Substrate: Steel Sa 2 2½

1 Primer:
Macropoxy® HM Primer Plus
2-pack epoxy based primer containing micaceous iron oxide

2 Adhesive layer: **Macropoxy® HM Mastic**
2-pack solvent-free epoxy resin coating

3 Tack layer: **Sikalastic®-827 HT**
Modified hot meld adhesive granulate

4 Mastic asphalt



The illustration shows an exemplary system.

After priming with Macropoxy® HM Primer Plus (1), the adhesive layer Macropoxy® HM Mastic is applied by airless spraying (2). At the same time, Sikalastic®-827 HT hotmelt adhesive granules are sprinkled onto the still wet bonding layer (3).

OUR QUALITY PROMISE

Thanks to advanced technologies, exceptional service and decades of experience, Sherwin-Williams Protective & Marine Coatings is a reliable partner for corrosion protection coatings in steel construction. Our competent sales team, our specialized application technology, the experienced experts in product management, our innovative development department, as well as the production team all contribute to our quality promise.

Service

+

Innovation

+

Competency

+

Quality and Sustainability

SHERWIN-WILLIAMS PROTECTIVE & MARINE

Sherwin-Williams Protective & Marine develops, produces and sells high-quality coatings for corrosion and fire protection. We can look back on a long and successful story with numerous innovations.

APPLICATION AREAS

CORROSION PROTECTION

TRAFFIC CONSTRUCTION

- Motorway bridge / road bridge
- Railway bridge
- Suspension bridge
- Walkway

STEEL STRUCTURES

- Sport facilities
- Centers for culture and events
- Airports
- Railway stations

HYDRAULIC STEEL STRUCTURES

- Waterways
- Port facilities
- Flood protection
- Steel sheet piles

TANK PROTECTION

- Tanks
- Silos and vessels
- Pipeworks
- Secondary containment

CHEMISTRY AND INDUSTRY

- Mineral oil industry
- Plants in atmospheric conditions
- Refineries

POWER SUPPLY

- Power stations
- Pipelines
- Wind energy
- Mast coatings

FIRE PROTECTION

FOR STEEL

- Solvent-free systems
- Water-based systems
- Solvent-based systems

FOR WOOD AND CONCRETE

- Water-based products for interior use

Innovative products combined with high economic efficiency contribute to social responsibility and ecological and social awareness. The use of modern, high-quality coating materials with a low VOC content, optimum processing properties, and long durability is the guarantee that Sherwin-Williams Protective & Marine fulfils in a wide variety of application areas.

SHERWIN-WILLIAMS PROTECTIVE & MARINE

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PROTECTIVE COATINGS FOR STEEL TRAFFIC CONSTRUCTION

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems - including protective liquid and powder, fire protection and resinous flooring - excel at combating corrosion and help customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including Bridge & Highway, Energy, High Value Infrastructure, Manufacturing & Processing, Marine, Rail, Power and Water & Wastewater.

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