HELIOS COATINGS MEET CUSTOMERS’ DEMAND FOR UTMOST PROTECTION AND DURABILITY.
THE EUROPEAN COATINGS GROUP
The Helios Group dates back to 1924 and today operates among the top ten coating companies in the European market. With 14 production sites, 145,000 m² production area and 30 own local sales forces, the Helios Group supplies over 15,000 customers in more than 60 countries worldwide.

CONTINUOUS DEVELOPMENT
R&D at the Helios Group is very strong and organized in one of the most modern R&D facilities on the international market. Laboratories are fully equipped with advanced technology and know-how is regularly transferred among experts at the highest level. We understand the importance of innovation in all areas of our work and constantly encourage research, education, and expertise to create an innovative working environment where Helios’ smart coatings are born.

RESPECTING THE ENVIRONMENT
The group strictly follows European and global legislation requiring the introduction of cleaner and environmentally friendly technologies. Whilst developing new advanced products, the group is committed to principles of sustainable development, such as minimizing energy consumption and the impact on the environment.
DURABLE COATING SOLUTIONS

Ensuring durable and long-lasting protective and decorative features is a guiding principle in serving customers and enabling the achievement of superb results in manufacturing processes. Our high-quality durable coating solutions are specially developed for steel, stainless steel, galvanized steel sheet metal, aluminum, color metals, and a wide range of plastic and polyester laminates.

TECHNICAL SUPPORT

The main advantage for our customers and partners is Helios’s expert team of certified professionals, who consult and provide technical support in meeting specific requirements. We are committed to helping our customers find the optimal solution with regard to the technical specifications and requirements of the particular production process. The desired results and high quality are guaranteed.

WE ARE YOUR IDEAL PARTNER – WITH EXCELLENT REFERENCES

Our industry-leading coating solutions ensuring high-quality protection and decoration of commercial transportation vehicles have secured a glowing international reputation. Together with our valued reputable customers, we have achieved great results in the European and CIS regions regarding railway, bus, truck, and truck upgrade solutions. Helios is a premium partner of advanced manufacturers of trucks and truck parts, buses, agricultural machinery, and other ACE equipment. By focusing on innovation, we have developed industry-leading coating solutions to protect and decorate commercial transportation vehicles, inside and out.
BUSES

BUSES HAVE A CENTRAL ROLE IN THE IMAGE OF THE STREETS AND CITIES WE LIVE IN.
In modern era, cities invest in the development of a more pleasant infrastructure and image, in which the city’s transportation plays a prominent part. Investments in improved transportation effect the visual impression of cities and therefore our opinion of the streets we live in. In the currently expanding degree of urbanism and demand for public transportation, attractively colored buses with sustainable coating solutions are assuming a larger role in everyday life.

Helios offers highly decorative and long-lasting coating systems for the outer surface area of buses. For durable protection of buses, Helios offers extremely mechanical-resistant protective coatings, compatible with a wide range of adhesives based on 1K PUR and MS polymers.

RELIABLE COATING SOLUTIONS FOR BUSES

SYSTEM 1
- Helios 2K Sealer PE
- Helios Base
- Helios 2K PUR Clear Lak 2:1

HIGHLIGHTS
- Suitable for steel, stainless steel, aluminum, acrylic, zinc-plated, and unsaturated polyester laminate surfaces.
- The sealer is distinguished by good sanding properties and excellent elasticity.
- A deep gloss is guaranteed throughout the lifetime of the vehicle.

SYSTEM 2
- Helios 2K One Coat E dbs

HIGHLIGHTS
- Suitable for steel and unsaturated polyester laminate surfaces.
- A high-solid material with excellent mechanical resistance.
- Successfully tested for compatibility with all industrial adhesives globally.
TRUCKS AND TRUCK TRAILERS

DURABLE COATING PROTECTION IS AN IMPERATIVE FOR EVERY TRUCK ON THE ROAD, INSTILLING CONFIDENCE ON DRIVES BOTH SHORT AND LONG.
Such transport vehicles have high requirements regarding durability and abrasion resistance in actual use. Helios offers advanced coating solutions for the manufacturing and maintenance of medium and heavy-duty trucks, including tank trucks, dump trucks, cranes, and concrete mixer trucks, as well as truck bodies, truck chassis, truck cabins, truck upgrades, and truck trailers.

The outer components of products can be made of various materials (ABS, PP, PE laminate, steel or galvanized steel sheet metal), which require different coating materials. Following installation, the cab of a truck has to look even and consistent, regardless of the base materials and varnishing technology.

### RELIABLE COATING SOLUTIONS FOR TRUCK CABINS

**SYSTEM 1**
- Helios 2K Sealer PE
- Helios 2K PUR Enamel 2:1

**HIGHLIGHTS**
- Suitable for steel, stainless steel, aluminum, acrylic, zinc-plated, and unsaturated polyester laminate surfaces.
- Excellent and durable decorative features.
- Optimal for coating metal and plastic surfaces.

**SYSTEM 2**
- Helios 2K One Coat E Dbs

**HIGHLIGHTS**
- Excellent resistance to mechanical stress.
- High anti-corrosion protection.
- Guaranteed durable vehicle protection.
- Very good for heavy-duty trucks, such as dump trucks, cranes and concrete mixer trucks.

**SYSTEM 3**
- Helios 2K PUR One Coat

**HIGHLIGHTS**
- Suitable for steel, stainless steel, aluminum, zinc-plated, and unsaturated polyester laminate surfaces.
- Perfect for achieving a durable high-gloss effect.
- Excellent UV resistance.
- Optimal for truck upgrades.

**SYSTEM 4**
- Helios 2K Primer E Zp HB
- Helios 2K PUR Enamel HS

**HIGHLIGHTS**
- Our top selling high-solid system.
- Optimal for more demanding coating solutions for truck upgrades.
ACE

THE TOUGH ENVIRONMENT AND HARSHP CONDITIONS OF ACE EQUIPMENT REQUIRE THE STRONGEST AND MOST RESISTANT SURFACE PROTECTION.
Manufacturers of cranes, bulldozers, loaders, and forklifts require especially strong and durable anti-corrosion protection and chemical resistance able to withstand the dirt, salt, water, and friction such vehicles are exposed to.

RELIABLE COATING SOLUTIONS FOR ACE EQUIPMENT

SYSTEM 1
- HelioCoat EC 1100
- Helios 2K PUR HS enamel or REM PUR 310 or CPC 24-1

SYSTEM 3
- Heliopur 41-02

HIGHLIGHTS
- The most durable anti-corrosion protection.
- Excellent appearance for the lifetime of the vehicle.
- Decreases waste and increases the efficiency of the application process.

HIGHLIGHTS
- An eco-friendly, high-solid one-layer system.
- Features a cost-efficient and time-saving application process.
- Excellent corrosion and UV resistance and mechanical properties.
Agricultural machinery, tractors, agricultural trailers, and other equipment in the agriculture sector require excellent resistance to abrasion in addition to aesthetic requirements. Vehicle manufacturers require durable high-quality surface protection against frequent contact with dirt, salt, water, grass, and other sources of friction.

**SYSTEM 2**
- Heliopox AQ 10-10
- REM PUR 310

**HIGHLIGHTS**
- A water-based system.
- Excellent corrosion resistance and mechanical properties.
- High-quality appearance.

**SYSTEM 4**
- Helios primer E ZP
- Helios 2K PUR enamel 3:1

**HIGHLIGHTS**
- Excellent appearance.
- Durable anti-corrosion protection.
- The top selling system in the CIS region.

**SYSTEM 5**
- Helios 2K primer E Zp HB
- Helios 2K PUR HS enamel

**HIGHLIGHTS**
- An eco-friendly, high-solid system.
- Good mechanical and chemical properties.
EXCELLENT REFERENCES ON THE GLOBAL MARKET.
## Systems and Products for Commercial Transport Vehicles

<table>
<thead>
<tr>
<th>Binder</th>
<th>Solid Matter</th>
<th>VOC (g/L)</th>
<th>Dry Film Thickness (µm)</th>
<th>Theoretical Consumption (m²/L)</th>
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<tbody>
<tr>
<td>Helios 2K Sealer PE</td>
<td>Polyurethane</td>
<td>53 % v/v, 73 % w/w</td>
<td>420</td>
<td>60 - 80</td>
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<tr>
<td>Helios Base</td>
<td>Synthetic binders</td>
<td>Depends on color shade</td>
<td>Depends on color shade</td>
<td>Depends on color shade</td>
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<tr>
<td>HELIOPOX AQ 10 - 10</td>
<td>Epoxy-polyamidoamine adduct</td>
<td>45 % v/v, 63 % w/w</td>
<td>68</td>
<td>35 - 80</td>
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<tr>
<td>REM PUR 310</td>
<td>Polyurethane</td>
<td>51 % v/v, 59 % w/w</td>
<td>180 - 200</td>
<td>50</td>
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<tr>
<td>HELIPUR 41 - 02</td>
<td>Polyurethane</td>
<td>56 % v/v, 70 % w/w</td>
<td>340</td>
<td>70 - 120</td>
</tr>
<tr>
<td>Helios 2K PUR Clear Lacquer 2:1</td>
<td>Polyurethane</td>
<td>45 % v/v, 55 % w/w</td>
<td>500</td>
<td>40 - 50</td>
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<tr>
<td>Helios 2K One Coat Eds</td>
<td>Epoxy-polyamidoamine</td>
<td>45 % v/v, 55 % w/w</td>
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<tr>
<td>Helios 2K Primer Ed Zp</td>
<td>Epoxy-polyamidoamine</td>
<td>50 % v/v, 70 % w/w</td>
<td>450</td>
<td>60 - 80</td>
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<tr>
<td>Helios 2K PUR Enamel 3:1</td>
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<td>43 % v/v, 57 % w/w</td>
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<td>40 - 50</td>
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<tr>
<td>Helios 2K PUR Enamel 2:1</td>
<td>Polyurethane</td>
<td>45 % v/v, 55 % w/w</td>
<td>530</td>
<td>40 - 50</td>
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<tr>
<td>Helios 2K primer Ed Zp HB</td>
<td>Epoxy-polyamine</td>
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<td>HelioCoat EC 1100</td>
<td>Epoxy KTL</td>
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<td>Helios 2K PUR HS enamel</td>
<td>Polyurethane</td>
<td>40 % v/v, 69 % w/w</td>
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<td>CPC 24 -1</td>
<td>Polyester-primid</td>
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