IGP POWDER COATINGS

ROBUST COATINGS FOR PUBLIC TRANSPORT VEHICLES

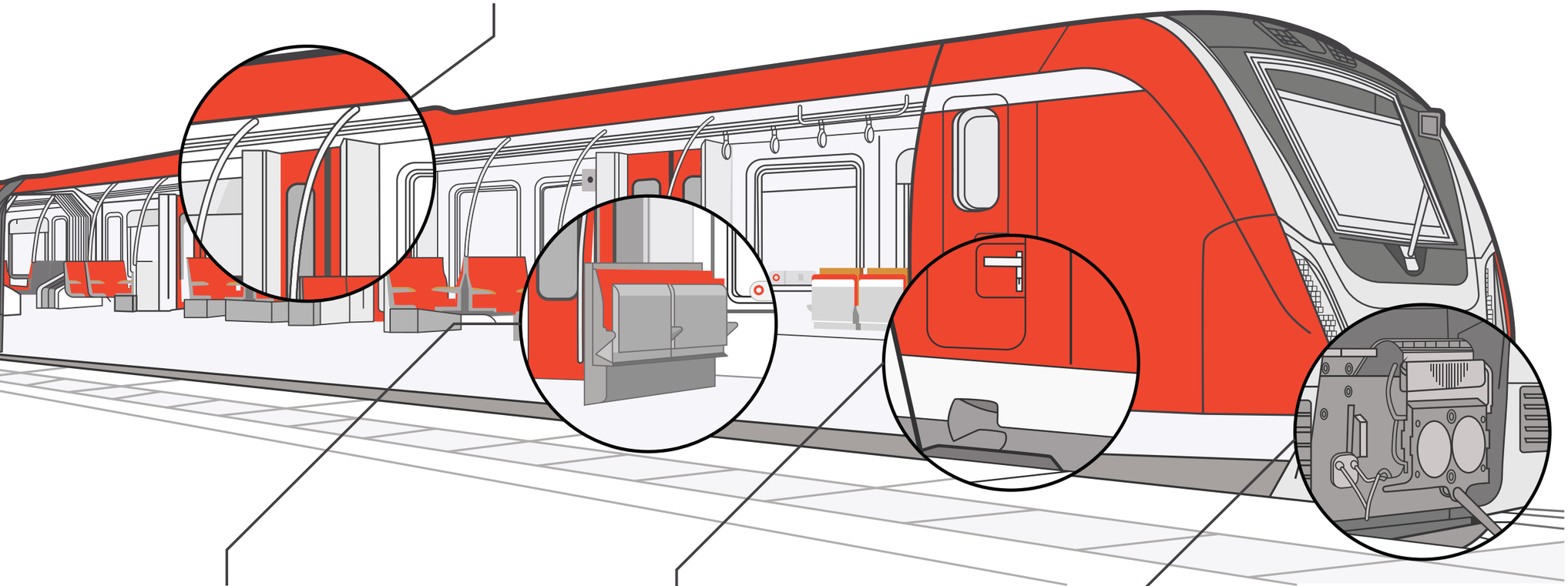
Tough powder coatings for highly-stressed surfaces of road and rail vehicles

RESISTANT AND DURABLE

THE RIGHT POWDER COATING FOR EVERY COMPONENT

Surfaces in the transport industry are subjected to constant wear and tear due to environmental influences and intensive usage. IGP powder coatings make every component robust while ensuring the required appearance. Furthermore, they meet the high standards of fire protection demanded for public transport vehicles. Their exceptional resistance to cleaning agents facilitates maintenance and upkeep.

And mechanical properties are important in technical interior areas. At the same time, optimal fire protection (inhibiting the spread of flames) is a crucial requirement of the coating.



Dirt and graffiti are also familiar problems in passenger compartments. It is therefore important that decorative interior surfaces can withstand regular cleaning with aggressive cleaning agents. They must also meet demanding fire-protection requirements.

To preserve an attractive exterior, excellent weather and corrosion resistance is vital. Another central consideration is resistance to graffiti-removal agents.

In technical exterior areas, excellent weather and corrosion resistance must also be combined with the right mechanical properties.

FIRE PROTECTION
Numerous IGP powder coatings have been tested to verify their fire and smoke behavior in accordance with various requirements (R) and hazard levels (HL) specified by EN 45545-2. This also applies to coating structures consisting of our anticorrosive primer KORROPRIMER (10, 18, and 60) and the top coats in our series 56, 59, and 40. On request, IGP will provide the detailed test reports.

ANTI-GRAFFITI PROPERTY
Graffiti on rail vehicles is a familiar and persistent problem. The cleaning and renovation costs are a major factor for rail companies. Due to their high resistance, IGP powder coatings provide effective protection. The surfaces can even be cleaned with aggressive cleaning agents without suffering damage. A large number of certifications confirm these properties of IGP powder coatings.

RESISTANT AND DURABLE

THE RIGHT POWDER COATING FOR EVERY JOB

Public transport vehicles must be functional and also maintain an attractive appearance over the long term. Powder coatings from IGP achieve these goals. They are highly UV resistant. Furthermore, their scratch-resistance ensures long-lasting, beautiful surfaces.
IGP powder coatings are available in countless solid-color and effect shades.

WEATHER RESISTANCE

Thanks to the high UV resistance of IGP powder coatings, the coated surfaces retain their aesthetic appeal over the long term.

IGP-*EFFECTIVES*®

IGP-*Effectives*® is a patented process technology for easier processing of effect powder coatings. Large projects often involve several coating companies, with the risk of deviating effect appearances on identical substrates.

IGP-*Effectives*® powder coatings significantly minimize these deviations. The powder coatings are extremely stable during application and produce a homogeneous effect appearance.

SCRATCH-PROOF SURFACES

Surfaces in public transport are subjected to constant, heavy wear and tear. IGP has developed coating formulas specifically to tackle this problem. They ensure exceptionally durable surfaces on handrails, grab bars, seats, etc. The result? Lasting aesthetic appeal.

PROVEN QUALITY THROUGH REPEATED TESTING

CERTIFICATIONS

IGP coating systems are approved by various rail companies for interiors and exteriors. They comply with these companies' current standards. This means IGP can respond to individual, customer-specific requirements and offer cost-effective solutions.

QUALITIES THAT MEET STANDARDS
Many IGP coatings meet the high standards of quality certification bodies such as GSB, QUALICOAT, and QUALISTEELCOAT. These coatings have been certified accordingly – IGP can present the corresponding certificates on request.

GSB INTERNATIONAL

QUALICOAT

quali steel coat
International Quality Label for Coated Steel

		Technical			Decorative		
		EN-45545-2	DBS	SNCF	EN-45545-2	DBS	SNCF
Interior	**IGP-DURA®*one*** 56				**IGP-DURA®*guard*** 32		
	Aluminum	■	■	■	■	■	■
	Steel	■	■	■	■	■	■
	IGP-HWF®*classic* 59						
	Aluminum	■	□	□			
	Steel	□	□	□			
Exterior	**IGP**-KORROPRIMER 18 + **IGP-DURA®*one*** 56				**IGP**-KORROPRIMER 10 + **IGP-DURA®*cryl*** 40		
	Aluminum	□	■*	□	■	□	■
	Steel	■	■	□	□	□	□
	IGP-KORROPRIMER 60 + **IGP-DURA®*one*** 56				**IGP**-KORROPRIMER 60 + **IGP-DURA®*cryl*** 40		
	Aluminum	■	■	■	■	□	□
	Steel	■	■	■	■	□	■
	IGP-DURA®*one* 56						
	Aluminum	■	■	■**			
	Steel	■	□	■			
	IGP-HWF®*classic* 59						
	Aluminum	■	□	□			
	Steel	□	□	□			

*NEW: Available from August 2024
** For IGP-KORROPRIMER 60 + 591T

DB-approved

Deutsche Bahn AG demands high quality when it comes to products and suppliers. Many IGP powder coatings are officially approved by Deutsche Bahn. These approvals cover interiors and exteriors as well as technical and decorative applications.

DB

SYSTEM COATINGS FOR CHALLENGING REQUIREMENTS

THE PERFECT DUO
POWDER AND WET COATINGS

In public transport vehicles, components consisting of different materials from various manufacturers and suppliers are often installed adjacent to each other. Depending on the requirements, these components are finished with wet or powder coatings. The major challenge here is achieving a consistent overall appearance of all surfaces. The answer is system coatings from DOLD Group. Perfectly matched powder and wet coatings provide the shade accuracy required.

The powder-coating competence of IGP and the expertise of Dold AG guarantee consistent surfaces that match perfectly.

POWDER COATINGS

IGP has been a byword for quality, safety, and reliability since its foundation in 1968. Right from the start, our development and production activities have constantly explored new avenues to create sophisticated coating solutions. IGP coatings stand out thanks to great aesthetics, cost-effectiveness, and ecological credentials. We draw on our vast experience to create tailor-made, ideal solutions for our customers.

IGP POWDER COATINGS

WET COATINGS

Good looks, protection, lasting value: Paints and varnishes are crucial to achieving these qualities. Dold offers a comprehensive portfolio of services based on the philosophy of a Swiss family-owned business. Since 1921, the company has been delivering reliable products for architecture and industry. Dold systems not only incorporate the latest technologies, but also a vast store of valuable practical knowledge and the experience gained from generations of customers and partners.

DOLD Lacke und Farben

PROJECT BOX – tailored to your project

Do you require samples for your project?
We will be happy to compile a custom sample box for you containing powder and wet coating samples.

The team at IGP Powder Coatings is looking forward to hearing from you.

PRODUCT OVERVIEW

THE RIGHT SOLUTION FOR EVERY APPLICATION

Whether for technical, decorative, interior, or exterior applications, IGP powder coatings provide the perfect finish. They protect surfaces subject to high stresses from mechanical damage, environmental influences, and vandalism.

The IGP product range offers powder coatings for public transport with properties such as corrosion protection, UV resistance, anti-graffiti protection, and high scratch resistance, as well as with anti-bacterial additives.

Sanitized® Protection

IGP Powder Coatings and Sanitized AG maintain a long-term partnership. As an authorized partner, IGP can enhance its powder coatings with antibacterial additives. What's more, IGP supports its customers when they apply for their own certifications for anti-bacterial surface properties.

IGP-KORROPRIMER

▸ technical | decorative | exteriors

10 Proven corrosion protection suitable for aluminum and steel as well as out-gassing substrates

Surface characteristics	
1001	1001 V Suitable for outgassing substrates

18 Low-temperature primer for high-quality corrosion protection, curable at temperatures as low as 140°C

Surface characteristics
1808 Smooth finish for steel and aluminum

60 Weather-resistant powder coating primer for aluminum substrates and steel for reliable combination with **IGP** façade systems

Surface characteristics	
6000	6007 V Suitable for outgassing substrates

IGP-DURA®*guard*

▸ decorative | interiors

32 Chemically resistant mixed powder system for interior applications with excellent anti-graffiti properties

Surface characteristics			
3203 Matte	3207 Silk gloss	3209 Gloss	321M Fine structure, matte

IGP-DURA®*one*

▸ technical | interior | exterior

56 Certified weather-proof, low-temperature powder coatings with very high stock availability. Qualicoat Class 1 / GSB Standard.

Surface characteristics		
5603 Matte	5607 Silk gloss	561M Fine structure, matte

IGP-HWF*classic*

▸ technical | interior | exterior

59 Certified weather-proof systems with very high stock availability. Qualicoat Class 2 / GSB Master.

Surface characteristics			
5903 Matte	5907 Silk gloss	591T Fine structure, deep matte	592S Coarse structure, silk gloss

IGP-DURA®*cryl*

▸ decorative | exteriors

40 Anti-graffiti system for exteriors with excellent resistance to chemicals

Surface characteristics				
4007 Silk gloss	4009 Gloss	401M Fine structure, matte	401S Fine structure, silk gloss	402S Coarse structure, silk gloss

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