



ROBUST COATINGS FOR PUBLIC TRANSPORT VEHICLES

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

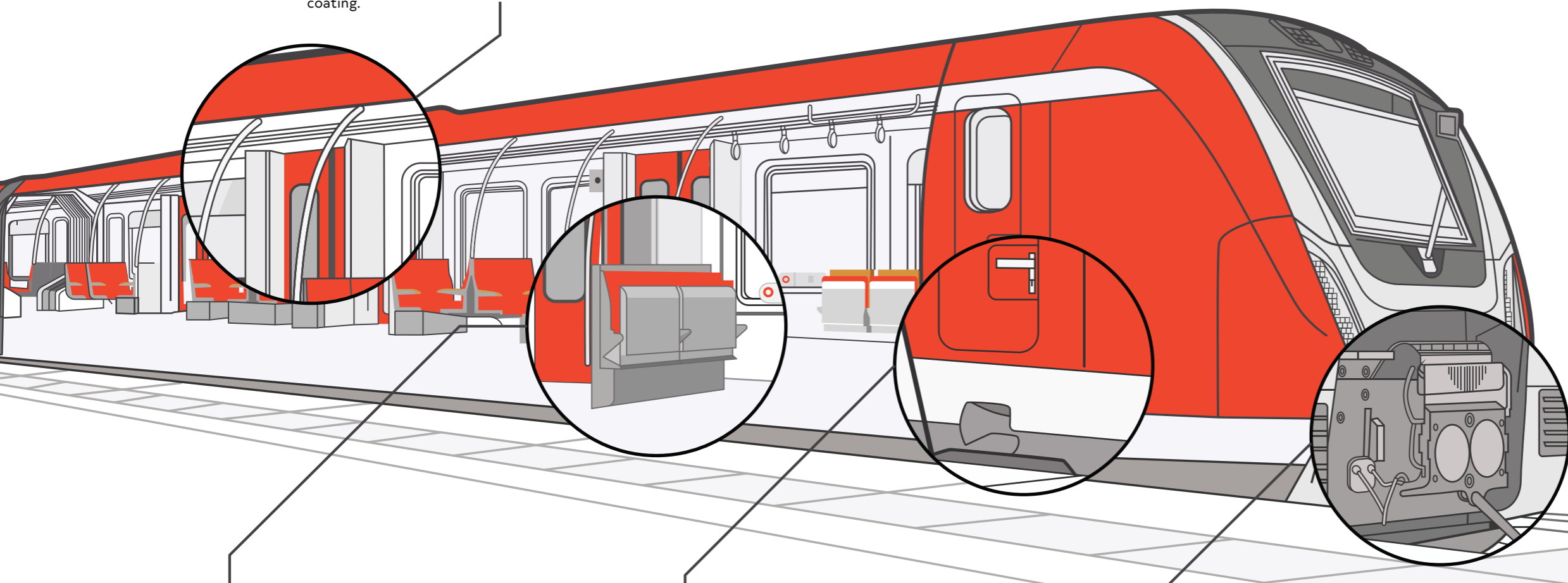


RESISTANT AND DURABLE

THE RIGHT POWDER COATING FOR EVERY COMPONENT

Surfaces in the transport industry are subject to heavy stresses from environmental influences and intensive use. 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.

Of course, mechanical properties are important in interior technical compartments. 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 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 be paired with the right mechanical properties.



FIRE PROTECTION

Numerous IGP powder coatings are tested for 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 anti-corrosive primer KORROPRIMER (10 or 60) and the top coats from our series 58, 59, and 40. On request, IGP provides 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.



WEATHER RESISTANCE

Thanks to the high UV resistance of IGP powder coatings, the coated surfaces retain their aesthetic appeal for 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. These powder coatings are extremely stable during application and produce a homogeneous effect appearance.



SCRATCH-PROOF SURFACES

Surfaces in public transport are permanently exposed to high stresses. IGP has developed coating formulas specifically to cope with this. They ensure exceptionally durable surfaces on handrails, grab bars, seats, etc. The result? Lasting aesthetic appeal.

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.



PROVEN QUALITY THROUGH REPEATED TESTING

CERTIFICATIONS

IGP coating systems are approved by various rail companies for interiors and exteriors. They comply with 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.



	Technical			Decorative		
	EN-45545-2	DBS	SNCF	EN-45545-2	DBS	SNCF
Interior	IGP-DURA [®] face 38			IGP-DURA [®] guard 32		
	Aluminum	■	■	■	■	■
	Steel	■	□	■	■	■
	IGP-HWF [®] classic 59					
	Aluminum	■	□	■		
	Steel	□	□	□		
Exterior	IGP-KORROPRIMER 10 + IGP-DURA [®] face 58			IGP-KORROPRIMER 10 + IGP-DURA [®] cryl 40		
	Aluminum	■	□	■	■	■
	Steel	■	■	■	■	■
	IGP-KORROPRIMER 60 + IGP-DURA [®] face 58			IGP-KORROPRIMER 60 + IGP-DURA [®] cryl 40		
	Aluminum	■	□	□	■	□
	Steel	■	□	□	□	□
	IGP-DURA [®] face 58					
	Aluminum	■	■	■		
	Steel	□	□	□		
	IGP-HWF [®] classic 59					
	Aluminum	■	□	■		
	Steel	□	□	□		



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.



SYSTEM COATINGS FOR CHALLENGING REQUIREMENTS

THE PERFECT TEAM POWDER AND WET COATINGS

In public transport vehicles, components consisting of different materials from various manufacturers and suppliers are often installed in close proximity to each other. Depending on the requirements, these components are finished with wet or powder coatings. The major challenge here lies in ensuring that all surfaces create a consistent overall appearance. 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.



WET COATINGS

Good looks, protection, lasting value: Paints and wet coatings 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.



PROJECT BOX – customized to your project

Do you require samples for your project?

We will be happy to compile a custom sample box for you with 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, high scratch resistance, and 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 antibacterial surface properties.



IGP-KORROPRIMER

► technical | decorative | exteriors

10

Proven corrosion protection suitable for aluminum, steel, and other outgassing substrates

Surface characteristics

1001	1001 V Suitable for outgassing substrates
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60

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

Surface characteristics

6007

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
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IGP-DURA®face

► technical | interior | exterior

58

Certified weather-proof systems with very high stock availability. Qualicoat Class 1 / GSB Standard.

Surface characteristics

5803 Matte	5807 Silk gloss	5809 Gloss	581M Fine structure, matte
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IGP-HWFclassic

► 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 texture, deep matte	592S Coarse texture, silk gloss
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IGP-DURA®cryl

► decorative | exteriors

40

Anti-graffiti system for exteriors with excellent chemical resistance

Surface characteristics

4007 Silk gloss	4009 Gloss	401M Fine structure, matte	401S Fine texture, silk gloss	402S Coarse texture, silk gloss
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A Member of the DOLD GROUP