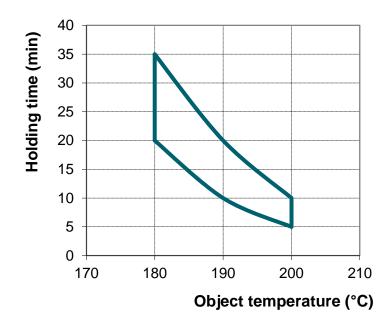


Industriq W824 - the product at a glance

Product key data

- Close hybrid technology
- Co-crosslinking is free of fission products
 - → Pending mandatory labeling of fission products
 - → No irritation of mucous membranes
 - → No sedimentation in the oven
- Optimized with regard to substrate degassing
- Application by means of corona and tribo application
- Uniform curing window



Industriq W824 - the product at a glance

The product properties at a glance

- excellent anti-graffiti properties
- excellent resistance to chemicals and cleansing agents (no graffiti residues, no surface damage)
- · very good leveling
- good impact strength and elasticity
- good abrasion resistance
- high corrosion protection
- lean process by mono-layer system
- easy-to-clean
- resistant to yellowing during baking



Approval by Deutsche Bahn

Approval overview

- Approvals for steel and aluminium
- Deutsche Bahn approval according to test standard DBS 918 340 for decorative interior coatings
- Fire protection test fulfills Hazard Level H1 / H2 / H3 according to DIN EN 45545-2, requirement sets R1 and R7
- Official listing in the "List of DB-qualified powder coatings"

List of DB-approved coating systems





Excellent graffiti defense



hybrid powder coating in standard quality



conventional anti-graffiti powder coating



NEW Industriq Topcoat W824

The new IndustriqTopcoat W824 enables an excellent graffiti defense. Graffitis can be cleaned without residue and without shadowing. At the same time, the paint surface is not damaged.



according to DBS 318 940, edition 03.2019

Mechanical characteristics	Test standard	Set point DBS 318 940	Result
Adhesion Cross cut test	DIN EN ISO 2409	GT 0-1	GT 0
Flexibility Erichsen cupping	DIN EN ISO 1520	≥ 3 mm fissures permitted, no separation	> 3 mm no fissures, no separation
Elasticity Mandrel bend test	DIN EN ISO 1519	≤ 12 mm, fissures permitted, no separation	< 12 mm no fissures, no separation
Impact resistance Direct impact test	DIN EN ISO 6272-1	> 2.5 Nm (25 cm, 1kg) fissures permitted, no separation	> 2.5 Nm (25 cm, 1kg) no fissures, no separation



according to DBS 318 940, edition 03.2019

Corrosion protection	Test standard	Test range	Set point DBS 318 940	Result
	DIN EN ISO 9227	after 240h on pre-treated Aluminium		
Corrosion resistance magnesia acetate salt spray test		Degree of blistering	0(S0)	0(S0)
		Planar corrosion creep	≤ 16 mm ² / 10 cm	0 mm ² / 10 cm
		Longest corrosion creep	≤ 4 mm	0 mm
Corrosion resistance neutral salt spray test	DIN EN ISO 9227	after 240h on zinc phosphated steel		
		Degree of blistering	0(S0)	0(S0)
		Degree of rust	Ri 0	Ri 0
		Adhesion at cut	≤ 2 mm	0 mm
		Corrosion at cut	≤ 1 mm	0 mm
Permanent humidity resistance condensed water climate test	DIN EN ISO 6270-2	after 240h on pre-treated aluminium and on zinc phosphated steel		
		Degree of blistering	0(S0)	0(S0)
		Degree of rust	Ri 0	Ri 0



according to DBS 318 940, edition 03.2019

Resistances	Test standard	Set point DBS 918 340	Result
Graffiti remover Novo Pen-Off	DBS 918 340	Gloss level decrease $\leq 20\%$ Color distance $\Delta E \leq 4,0~_{(glossy)}/2,0~_{(matt)}$ No dissolving, no swelling	Gloss level decrease ≤ 4% Color distance ΔE ≤ 0,9 No dissolving, no swelling
Interior cleaner Rapol 58	DBS 918 340	Gloss level decrease ≤ 20% Color distance ΔE ≤ 4,0 No dissolving, no swelling	Gloss level decrease ≤ 3% Color distance ΔE ≤ 0,3 No dissolving, no swelling
Interior cleaner Rapidol W	DBS 918 340	Gloss level decrease ≤ 20% Color distance ΔE ≤ 4,0 No dissolving, no swelling	Gloss level decrease ≤ 1% Color distance ΔE ≤ 0,1 No dissolving, no swelling
Interior cleaner Purol	DBS 918 340	Gloss level decrease ≤ 20% Color distance ΔE ≤ 4,0 No dissolving, no swelling	Gloss level decrease ≤ 4% Color distance ΔE ≤ 0,2 No dissolving, no swelling



Other tested graffiti cleaners besides DBS

- 1. Tensid AGS 221
- 2. Bonderite CM-C400
- 3. Graffiti Elite 007



Industriq W824 – the product at a glance

Product variants

- 1. INDUSTRIQ W824, glossy, plain
- 2. INDUSTRIQ W824G, silk-gloss, plain
- 3. INDUSTRIQ W824H, silk-matt, plain
- 4. INDUSTRIQ W824F, matt, fine structure



Where we are strong

Application areas



Anti-graffiti protection in public transport

Excellent and permanent graffiti protection for trains, trams, subways, buses and other public transport.



Long-lasting protection in public institutions

Excellent protection for furniture in kindergartens, schools, class rooms and universities. Industriq W824 also gives radiators and white boards a strong outer shell.



Strong chemical protection

Due to its excellent protective effect against sharp cleaners and chemicals, Industriq W824 is excellently suited for hospital furniture, medical-technical equipment and facilities as well as for laboratories.



Portfolio for railroad applications

Powder coating interior decorative

Industriq Powder Topcoat W824

- · Hybrid powder coating, anti-graffiti
- Fire protection according to EN 45545-2:2016, Certificates valid until 03-2025
- DB approval DBS 918 340* valid until 05-2025

Industriq Powder Topcoat W852

- Polyurethane powder coating
- Fire protection according to EN 45545-2:2016, Certificates valid until 11-2025
- DB approval DBS 918 340* received for product 108945 and valid until 01-2026

Industriq Powder Topcoat W851

- Polyurethane powder coating, anti-graffiti
- Fire protection according to EN 45545-2:2016, Certificates valid until 10-2023
- no DB approval DBS 918 340* (due to lack of elasticity)



^{*}Edition 03-2019, all approvals for steel and aluminium

