

WELCOME TO THE
WORLD OF
KABE FARBEN



POLYFLEX®
Powder coatings
at full speed



Powder coatings
kabe-farben.ch



KARL BUBENHOFER AG



HIGH DEMANDS ON MATERIAL AND POWDER COATING

The strict quality requirements Deutsche Bahn, for example, require extensive testing and certification. A distinction is made as to whether the coating system is to be used indoors or outdoors, for decorative or technical purposes or on aluminium or steel. Depending on the application different technical solutions are. If you have any other requirements, please speak to your customer advisor. They will be happy to advise you on the possibilities for your application. to fulfil the requirements. Our powder coatings are tested in accordance with the new DBS (Deutsche Bahn Standard) 918 340 quality standards. We also have all fire tests and approvals.



**DURABLE
PROTECTED**

POLYFLEX® STERIDUR WITH SPECIAL FILM PROTECTION EQUIPMENT

One of the many areas of application for POLYFLEX® Steridur are, for example, grab rails and handles in trains and buses. A specially developed additive package allows a special adaptation to the different types of powder coatings. This always prevents reliably the formation of aggressive biofilms and makes POLYFLEX® Steridur so unique and safe. The effect of the additives remains in the powder coating for many years and the coated surface is thus permanently protected.

See brochure Steridur



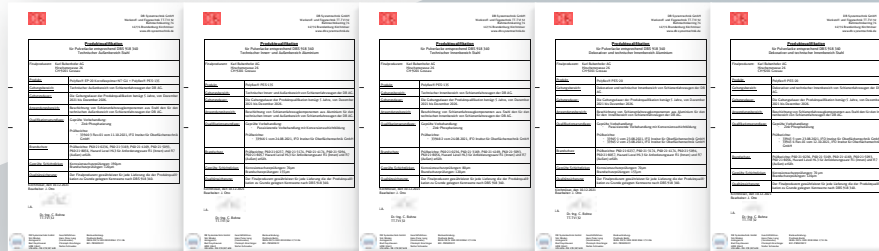
POLYFLEX® PES-20 POWER ANTIGRAFFITI

The innovative POLYFLEX® PES-20 Power series enables coatings that fulfil the highest requirements for chemical resistance. Thanks to its durability, PES-20 Power coatings are characterised by a long service life. Even regular cleaning cannot harm the coating.

See brochure PES-20, PES-20 Power



WE HAVE ALL FIRE CERTIFICATIONS AND APPROVALS.



01

DECORATIVE FOR EXTERIOR AREAS

according to DBS 918 340 for substrates, aluminium and steel

POLYFLEX® PUR-151 SYSTEM with anti-graffiti properties

PUR-151 (uni colors)

exterior smooth silk gloss highly weather-resistant

PUR-151 Metallic (metallic colors)

exterior smooth silk gloss highly weather-resistant

02

INTERIOR AREA, DECORATIVE

according to DBS 918 340 for substrates, aluminium and steel

POLYFLEX® PES-20 POWER SYSTEM with anti-graffiti properties

PES-20-Power (uni colors)

interior smooth silk matt

PES-20-Power Pearl-Metallic (metallic colors)

interior smooth silk matt

PES-20-Power (uni colors)

interior fine structure silk matt

PES-20-Power Pearl-Metallic (metallic colors)

interior fine structure silk gloss

PES-20-Power (uni colors)

interior smooth silk gloss

PES-20-Power Pearl-Metallic (metallic colors)

interior smooth silk gloss

03

INTERIOR AND EXTERIOR AREA TECHNICAL APPLICATIONS

according to DBS 918 340 for substrates, aluminium and steel

POLYFLEX® PES-135 SYSTEM

PES-135 (uni colors)

exterior smooth silk matt

PES-135 Pearl-Metallic (metallic colors)

exterior smooth silk matt

PES-135-Q (uni colors)

exterior fine structure silk matt

PES-135-Q Pearl-Metallic (metallic colors)

exterior fine structure silk matt










PES-135 (uni colors)

exterior smooth silk gloss

PES-135 Pearl-Metallic (metallic colors)

exterior smooth silk gloss

POLYFLEX® range overview

Indoor application		
Functional epoxy powder coating		EP-20 GU
Functional epoxy powder coating		EP-25-NT / UNT
Hybrid powder coating with high resistance to cleaning agents		PES-20 GU
Hybrid powder coating with extremely high resistance to cleaning agents (anti-graffiti)	 *	PES-20-Power
Hybrid powder coating with good resistance to cleaning agents		PES-50-NT / UNT GU
Hybrid thin-film powder coating with good resistance to cleaning agents		PES-50-DS / NT
Hybrid powder coating with good resistance to cleaning agents		PES-55-NT / UNT
Thin-film powder coating with good resistance to cleaning agents		PES-55-DS / NT
Hybrid powder coating with very good all-round properties		PES-75-NT
Polyester powder coating for indoor applications with very good all-round properties		PES-96-NT
External use in industry		
Polyester powder coating		PES-136 GU
Polyester powder coating with extremely high resistance esp. to chemical textile finishing agents		PES-138-Power
Polyester powder coating		PES-166-NT GU
Thin-film polyester powder coating		PES-166-NT-DS
Polyurethane powder coating		PUR-125 GU
External application on facades		
Deep-matte facade polyester powder coating		PAC-135
Highly weather-resistant polyester powder coating		* PAC-140-SD
Polyester powder coating Class 1 / standard	   *	PES-135 GU
Highly weather-resistant polyester powder coating Class 2 / HWF	 	* PES-140-SD NT
Polyester powder coating with popular wrinkle effect		PES-150
Polyester powder coating LT Class 1 / standard	 	* PES-165-NT GU
Polyurethane powder coating with extremely high resistance to cleaning agents		PUR-151
Specialities		
High-reactivity powder coatings for use on thermally-sensitive substrates in indoor areas		REACTIVE PES-75
High-reactivity powder coatings for use on thermally-sensitive substrates in indoor and outdoor areas		REACTIVE PES-125
High-reactivity powder coatings for use on thermally-sensitive substrates in outdoor areas, highly weather-resistant		REACTIVE PES-225

* Approvals available depending on version.

Degree of gloss versions

Gloss, silk gloss, silk matte, matte (flat matte)

Surfaces

Smooth, coarse structure, fine structure

Color shades

RAL, RAL-Design, NCS, MCS, Pantone, other color systems or according to your specifications

Special effects and finishes

Hammered finish, metal effect, speckled effect, Decorative effect, 3D effect, transparent, soft-touch

Metallics


Pearl Metallics, Metallics


Special versions with various technical properties of the powder coatings


- Electrically conductive powder coatings, ESD+
- Calorific value-optimised powder coatings
- Antimicrobial powder coatings (STERIDUR)
- Anti-graffiti powder coatings
- Powder coatings with resistance to textile finishing agents
- GU versions for off-gassing substrates
- Thin-film powders
- Non-slip versions for improved printing capability e.g. with screen printing
- Increased abrasion-resistance and resistance to cleaning agents
- Many LT (low-temperature cure) products
- Special powders for vertical application systems


If you have additional requirements, please contact your technical sales consultant. They will be happy to give you further advice.

Powder coatings | Paints + plasters | Facade insulation | Industrial coatings

 **KARL BUBENHOFER AG** | Hirschenstrasse 26 | 9201 Gossau SG, Schweiz
T +41 71 387 41 41 | info@kabe-farben.ch | kabe-farben.ch

 **KABE Pulverlack Deutschland GmbH** | Sofienstrasse 36 | 76670 Graben-Neudorf, Deutschland
T +49 7255 99 161 | info@kabe-pulverlack.de | kabe-pulverlack.de

 **Farby KABE Polska Sp. z o.o.** | ul. Śląska 88 | 40-742 Katowice, Poland
T +48 32 609 57 40 | proszkowie@farbykabe.pl | farbykabe.pl

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