WELCOME TO THE
WORLD OF
KABE FARBEN





POLYFLEX®

PES 135-GU

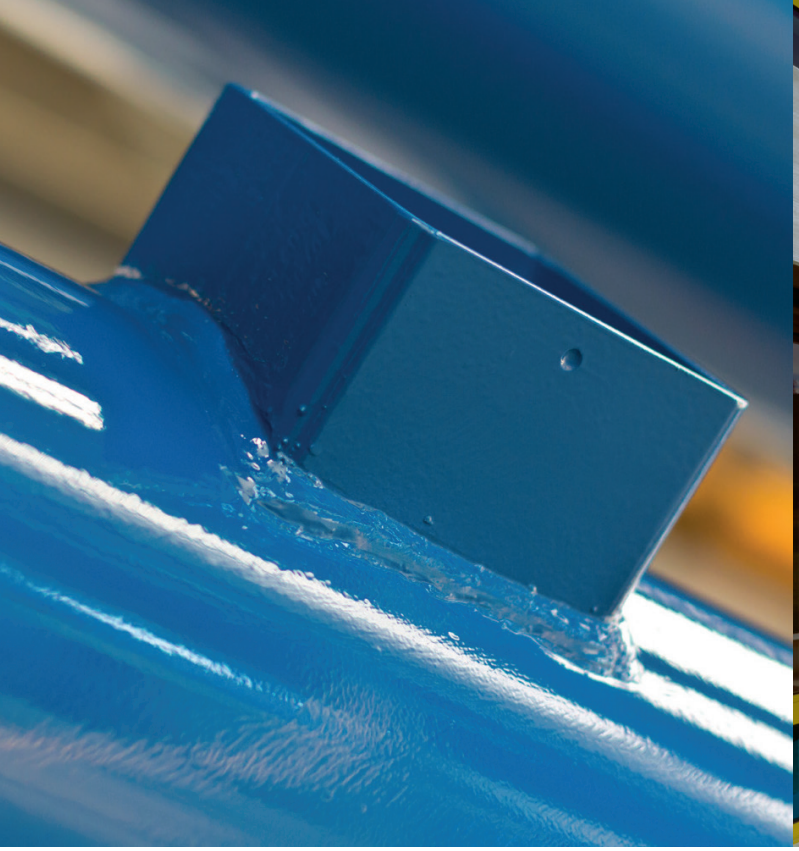
PES 165-NT-GU

Powder Coatings

kabe-farben.ch

KABE Farben

KARL BUBENHOFER AG





POLYFLEX® GU AND NT-GU POWDER COATINGS

POLYFLEX® GU and NT-GU are non-labelled alternatives to PT 910/912-cured powder coatings for porous and hot-dip galvanised substrates

Powder coatings from **KARL BUBENHOFER AG**, which have been specifically optimised for gassing and galvanised substrates, offer long-lasting benefits. They provide a high-quality, non-labelled coating solution with GSB and Qualicoat approval. They allow you to increase efficiency and reduce energy costs. The best of both worlds!

Beautifully smooth surfaces on porous or gassing substrates are made possible by the POLYFLEX® PES-135-GU and PES-165-NT-GU powder coatings from KABE Farben. The result is a perfect coating without extra effort.

Specialists know how difficult it is to coat porous or gassing substrates with powder coatings. Even with extensive preparation, it is not possible to prevent pores and blisters from becoming visible after coating with conventional powder coatings.

POLYFLEX® PES-135-GU and PES-165-NT-GU, special powder coatings from KABE Farben, were specifically developed for porous and gassing metal substrates, and they meet the strictest requirements. This is evident from a direct comparison: façade elements coated with POLYFLEX® PES-135-GU or PES-165-NT-GU powder coatings are more aesthetically appealing and have a significantly smoother surface.

The PES-165-NT-GU series offers decisive advantages through energy savings during the curing process. The powder coatings can be cured for 10 minutes at an object temperature of 160°C.

Colours

All colour shades – RAL, RDS (RAL Design), NCS(S) – available in differentsuraces and degrees of gloss. At the customer's request, our POLYFLEX® powder coatings can also be produced to match any colour sample. Do not hesitate to contact your KABE Consultant for further information.

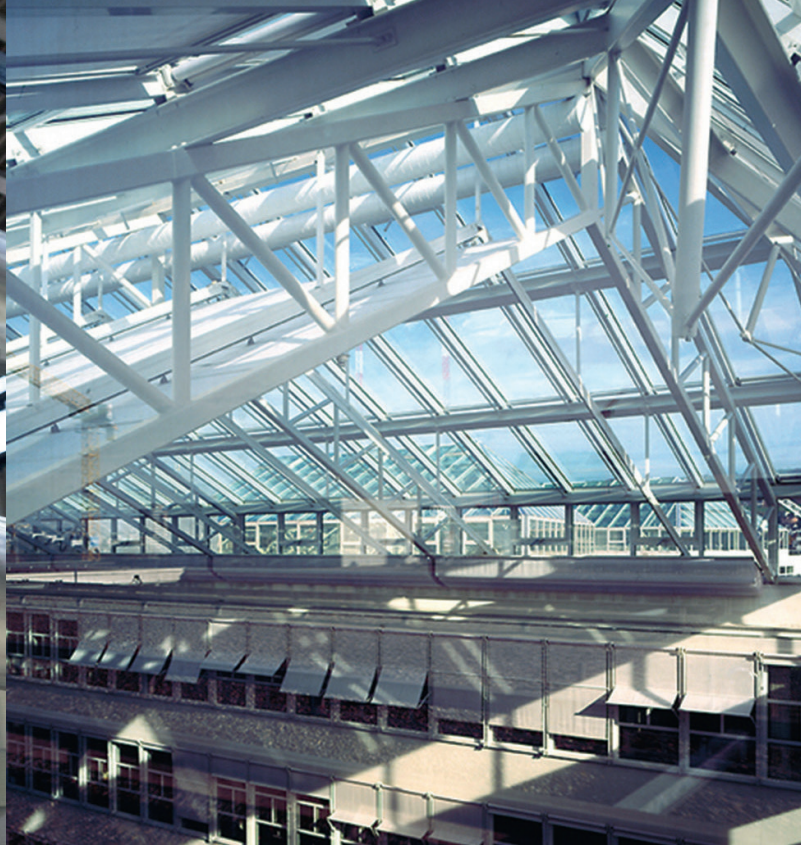
"All-in-one" product saves time by eliminating one step in the coating process

POLYFLEX® PES-135-GU and PES-165-NT-GU can be applied like conventional powder coatings and require no additional preparation.

POLYFLEX® powder coating meets the strictest quality standards. It is environmentally friendly and extremely economical to use.

The technical properties of individual POLYFLEX® PES-135-GU and PES-165-NT-GU products may vary. Please refer to the product-specific data sheet.





Advantages

- Do not require labelling
- Economic
- Colour stability
- GSB Standard* and Qualicoat Class 1* certification
- Beautiful coverage
- Excellent degassing properties
- Versatile use
- Uni and metallic colours
- Very good burnout resistance (even with light shades)
- Good mechanical resistance
- Particularly energy-efficient (PES-165-NT-GU)
- Good chemical resistance
- Good burnout resistance
- Excellent weather resistance
- Application as with ordinary powder coating
- With appropriate pretreatment, high resistance to condensation water and salt spray on aluminium
- GSB International certification for hot-dip galvanised substrates (silk gloss)

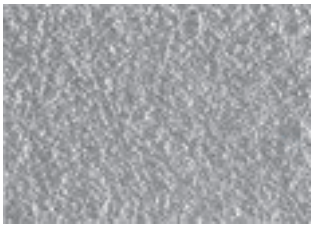
(*) Depending on the article, please follow the instructions for use

Examples of applications

A selection from the wide range of possible applications of POLYFLEX® PES-135-GU and PES-165-NT-GU:

- Supports/poles
- Handrails
- Galvanised parts in general
- Metal facades
- Window profiles
- Sills
- Sound barriers
- Door frames

Source material:



Spray-galvanised sheet metal,
magnified 25 times

Comparison:



Standard powder coating,
magnified 6.5 times



Standard powder coating with degassing additive, mixed by hand,
magnified 6.5 times



POLYFLEX® PES-135-GU powder coating for porous, gassing substrates,
magnified 6.5 times

POLYFLEX® Powder Coatings

Sampling options

A5 KABE Standard surface samples

A5 aluminium surface samples
(including product information)

- Delivered in a practical sample case, ideal for filing.
- The surface patterns are coated according to your specifications if required.



KABE powder coating sample

- We produce 1.5 kg of powder according to your requirements.
- Delivered in a 1.5 kg mini carton.
  (not valid for all items)



Request samples and technical information.

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

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