

POLYFLEX® PES-140-SD



Scheidegger Metallbau



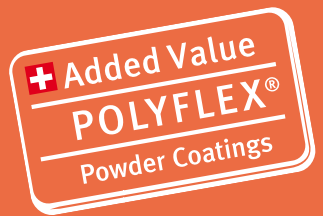
The highly weather-resistant powder coating from KABE for the highest requirements in the area of facades.

The color is the aesthetic packaging of an architectural creation. A powder coating who gives the objet a much longer lasting value. POLYFLEX® PES-140-SD, the super durable powder coating.



KARL BUBENHOFER AG

POLYFLEX® PES-140-SD



Stobag Alufinish, Photo: Jürgen Mecke



Griesser AG

POLYFLEX® PES-140-SD is a single layer powder coating system for the highest requirements in a facade coating. The high weather-resistant properties give this powder coating a very constant gloss and colour for years.

In addition, the excellent corrosion protection features are perfectly complemented by a label Qualicoat classe 2 and GSB Master.

Standard facade powder coatings show large changes after prolonged weathering exposure in gloss and colour. POLYFLEX® PES-140-SD stays constant in gloss and colour over a much longer period.

That we always have the latest results, we perform tests runs continuously in Florida. We also constantly tests new colours.

We gladly inform you about our super durable powder coatings and present on request the results of the weathering tests.

Sampling possibilities

KABE sample sheet (A6) aluminum or steel

The sample sheets labeled with the most relevant informations about the product are delivered in a special sample envelope, practical and ideal for filing. The sample sheets are coated to your specifications.

KABE (A4) sample sheet

The A4-sample sheets labeled with the most relevant informations about the product are delivered in a folder. The sample sheets are coated to your specifications.



The POLYFLEX® PES-140-SD performance: Added value for you!

High performance

High gloss maintenance in accordance with excellent color retention. The dirt repellent properties of POLYFLEX® PES-140-SD lenghten the intervals between facade cleanings.

Process safety

Thank to a special high weather-resistant pigmentation, shifts of colours due to weathering can be reduced to a minimum.

Product range

Besides uni-colored surfaces in different gloss levels with POLYFLEX® PES-140-SD also brilliant and durable Pearl-metallic-effects are possible. For architectural designs surfaces with structures are also available.

Available colours

Many colours are possible. Please request our colour list!



City hall, St-Gallen

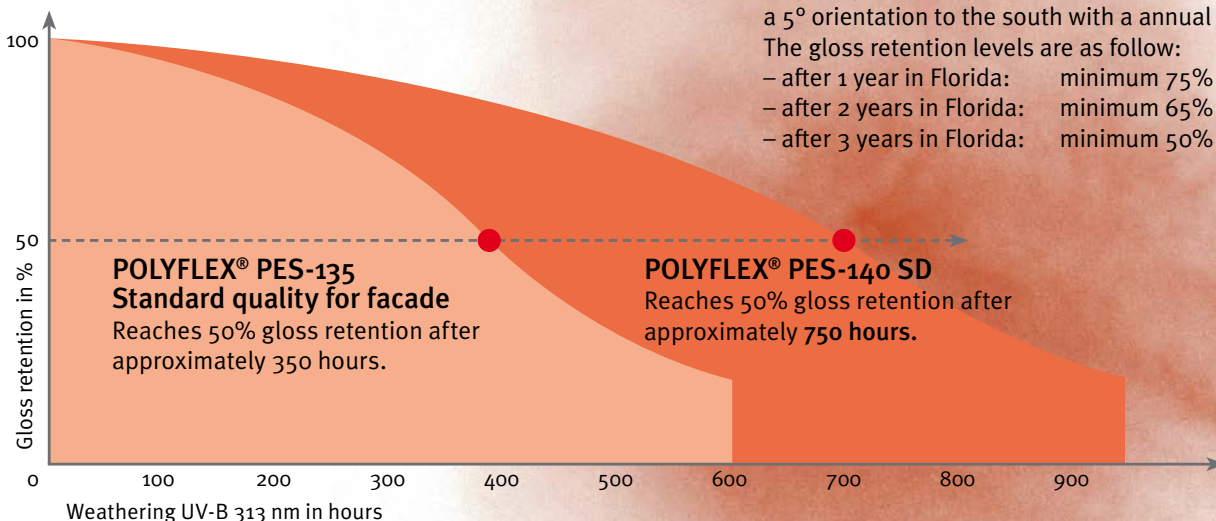
Features: Your benefits!

Outstanding properties

- ✓ Outstanding weather resistance
- ✓ Very economical
- ✓ High productivity
- ✓ Brilliant effects with a safe processing
- ✓ Gas oven stabilized (no yellowing)
- ✓ Overburning stability
- ✓ Very good covering power
- ✓ Greatly prolonged gloss retention
- ✓ Resistance to chemicals
- ✓ Excellent anti-corrosion protection with appropriated pre-treatment

Unbeatable gloss stability

POLYFLEX® PES-140-SD reaches a gloss retention of $\geq 50\%$ for a testing period clearly over 600 hours.



Applications: Your advantages!

Examples of use

- ✓ Facade elements
- ✓ Windows profile
- ✓ Windows shutters
- ✓ Windows ledges
- ✓ Balcony railings
- ✓ Acoustic partition walls
- ✓ Metal constructions
- ✓ Sun protection systems

Technical recommendations

Find more informations on our technical recommendation for cleaning of powder coated surfaces TE 001 and in our guidelines for powder coatings with metallic effect VR 003. www.kabe-farben.ch

Minimal requirement GSB

Standard $\geq 50\%$ gloss retention after 300 hours
Master $\geq 50\%$ gloss retention after 600 hours
PES-140-SD fullfills the standards GSB Master and Qualicoat class 2.

Powder Qualicoat class 2

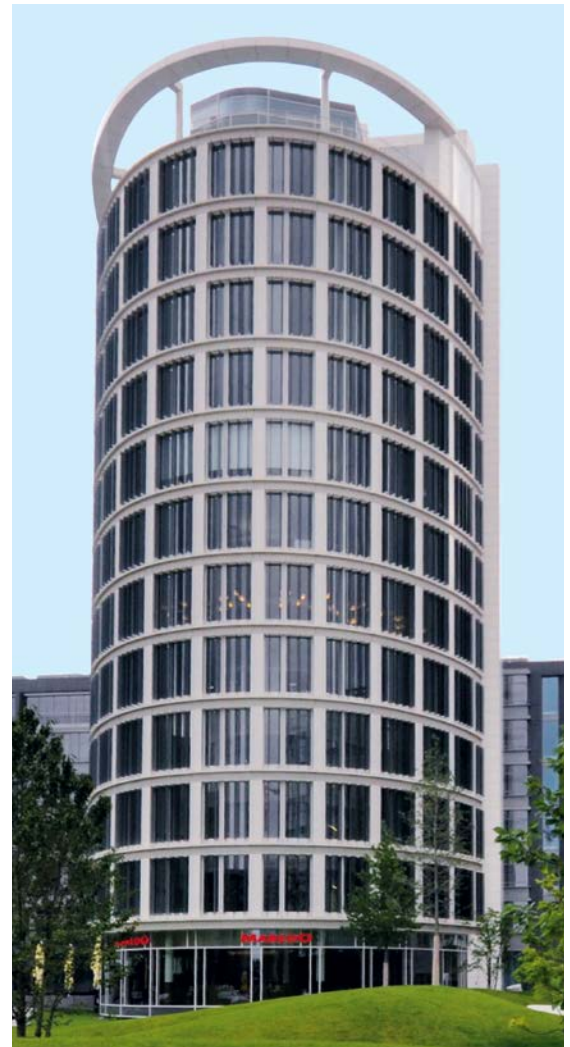
The samples are exposed to weathering for 3 years with a 5° orientation to the south with a annual assessment. The gloss retention levels are as follow:

- after 1 year in Florida: minimum 75%
- after 2 years in Florida: minimum 65%
- after 3 years in Florida: minimum 50%

POLYFLEX® PES-140-SD Product range

Art. Nr.	Product description	Properties	Application	Gloss level
12604	POLYFLEX® PES-140-SD  	Highly weather-resistant, smooth finish	Exterior	Silk matt 35
13606	POLYFLEX® PES-140-SD	Highly weather-resistant, smooth finish	Exterior	Silk matt 20
12577	POLYFLEX® PES-140-SD  	Pearl-metallic, bonded, highly weather resistant, smooth finish	Exterior	Silk gloss 75
12605	POLYFLEX® PES-140-SD  	Pearl-metallic, bonded, highly weather resistant, smooth finish	Exterior	Silk matt 35
12885	POLYFLEX® PES-140-SD  	Pearl-metallic, highly weather resistant, smooth finish	Exterior	Silk gloss 75
12886	POLYFLEX® PES-140-SD  	Pearl-metallic, highly weather resistant, smooth finish	Exterior	Silk matt 35
13730	POLYFLEX® PES-140-SD	Pearl-metallic, fine structure, highly weather resistant	Exterior	Silk matt
13828	POLYFLEX® PES-140-SD	Fine structure, highly weather resistant	Exterior	Silk matt
13673	POLYFLEX® PES-140-SD	Highly weather resistant, smooth finish	Exterior	Gloss 90
12568	POLYFLEX® PES-140-SD  	Highly weather resistant, smooth finish	Exterior	Silk gloss 75
13706	POLYFLEX® PES-140-SD	Pearl-metallic, highly weather resistant, smooth finish	Exterior	Silk matt 20

Other variations on request



Stobag Alufinish, Photo: Jürgen Mecke



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