



**DAS DACH,  
STARK WIE EIN STIER!**

# INFORMATION SHEET COATING SYSTEMS

## COIL COATING

PREFA strips undergo surface treatment in a coil coating process in accordance with the ECCA (European Coil Coating Association). In the process, the strips go through up to 20 processing steps. After pre-treatment, primer is applied to both sides, and cured.

With a continuous temperature resistance of  $-30\text{ °C}$  to  $+80\text{ °C}$ , the product complies with the requirements of outside architecture. The coating layer is malleable and protected against general chemicals and weather conditions.

## “P.10”

Since 2010, colour aluminium strips have been available in selected colours with the high-quality P.10 two-layer stove-enamel finish. For the first time, with P.10, PREFA has developed coating which has a matt appearance and yet is UV-resistant, colourfast and weatherproof.

**Area of application:** PREFA roof systems, PREFA standing seam roof systems, PREFA façade systems, cladding

## “PP99” (POLYAMIDE/POLYURETHANE)

Colour aluminium strips have been coated with “PP99” (polyamide/polyurethane) since 1999.

Long-term tests have shown that the “PP99” coating is particularly resistant to chemicals. The product is also very malleable and comes in various different gloss levels.

**Area of application:** PREFA roof systems, PREFA standing seam roof systems, PREFA façade systems, cladding

## “PVDF 80/20” (FALZONAL)

Colour aluminium strips, marketed under the brand name Falzonal, are manufactured with PVDF (polyvinylidene fluoride) coating. Long-term tests have shown that the “PVDF” coating is particularly resistant to UV and chemicals. The product is also very malleable.

**Area of application:** double-lock standing seam roofs, flashings, cladding

## POLYESTER

Colour aluminium strips with a polyester coating are characterized by a wide variety of colours and a variety of gloss levels. The difference between polyester and PP99 coatings lies in their different reactions to external weather conditions and UV rays.

**Area of application:** PREFA gutter systems, flashings and cladding on tile roofs

## POWDER COATING

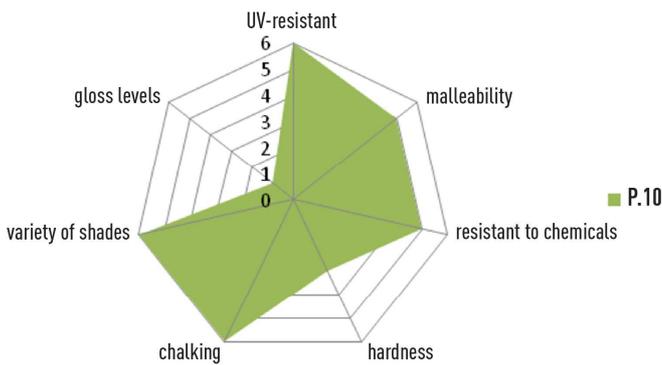
Unlike coil coating, powder coating involves coating each individual component. The coating thickness on powder-coated parts is approx.  $80\text{ }\mu\text{m}$  and only requires later re-coating to a limited degree. Powder-coating is an extremely environmentally-friendly method as no solvents are used and any residual powder is circulated back into the powder-coating cycle. With this process, we can powder-coat products with all RAL, NCS and other special colours.



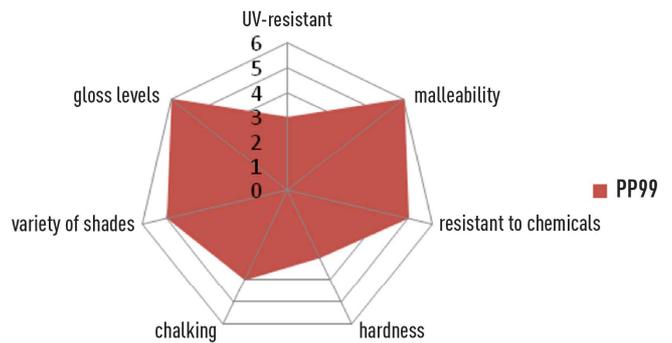
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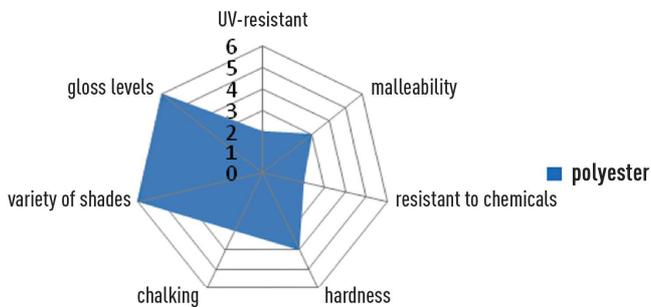
## P.10



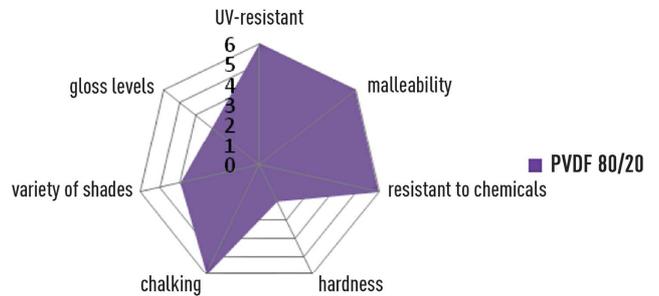
## PP99



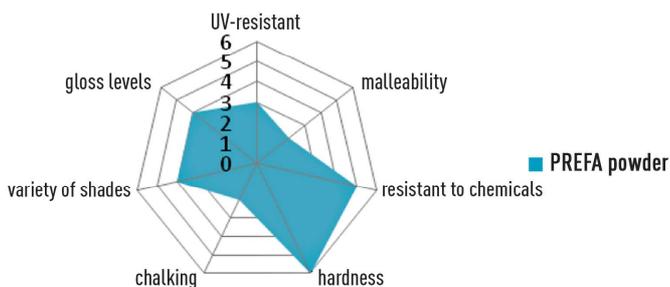
## Polyester



## PVDF 80/20



## PREFA powder coating



### LEGEND:

0 ... moderate

6 ... outstanding

These diagrams have been created based on PREFA Aluminiumprodukte GmbH empirical values.