



CPC 26

POLYESTER POWDER COATING

- properties of standard industrial polyester with improved anticorrosion protection
- intended for protection of steel surfaces

DESCRIPTION

CPC 26 is a series of outdoor powder coatings based on polyester resin cured with HAA (Primid). It offers enhanced corrosion resistance – phosphating phase in the pretreatment procedure can be omitted. It can serve as a anticorrosive primer as well.

Applications:

- for enhancement of anticorrosion protection

SPECIFICATION

Shade:	principally RAL and NCS shades; also special colours are available by arrangement
Surface Appearance:	smooth
Gloss:	glossy ($\geq 80\%$), semi-glossy (65-75%)
Density:	cca. 1600 kg/m ³ , depending on colour shade
Coating equipment:	electrostatic
Spreading Rate:	cca. 7 m ² /kg at 80 µm film thickness
Shelf Time:	24 months
Packaging:	cardboard box – 20 kg
Storage Conditions:	in originally closed boxes in dry place at temperature 5-25°C

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TEST RESULTS

*0,8 mm steel panel

**0,8 mm steel panel, degreased

Physical Properties:*

Cure parameters (object conditions)	20 min / 180°C
Film thickness in μm (ISO 2808)	60-70
Gloss, units $\angle 60^\circ$ (ASTM 523, ISO 2813)	80-90
Adhesion (ISO 2409)	Gt0
Bend Test (ISO 1519)	≥ 5 mm
Elasticity - Cupping Test (DIN ISO 1520)	6-8 mm
Hardness (Bucholz) (ISO 2815)	≥ 91

Chemical Properties:**

Salt spray 400 h (ISO 9227) –

Delamination at cut: < 2 mm

SURFACE PRETREATMENT

Iron: cleaning and degreasing, phosphating isn't needed

CURING

20 min / 180 °C

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