ENVIROCRON® LOW BAKE

Sustainable Low Bake Powder Coatings: improved productivity and energy efficiency

Revolutionize Your Coating Experience

The ENVIROCRON® Low Bake powder coatings portfolio offers customers exceptional flexibility to utilize the products according to their specific needs:

- With the **speed-cure option**, curing times can be significantly reduced, leading to enhanced productivity and faster throughput.
- *Envirocron*® Low Bake powder coatings enable **lower curing and oven temperatures** without compromising productivity. This not only reduces CO_2 emissions, but also saves energy costs and lowers the carbon footprint of manufactured components.
- Additionally, *Envirocron*® Low Bake powder coatings stand out for their **wide curing windows**, ensuring exceptional process stability by significantly reducing the risk of over- or underbaking.

Benefits
Improved productivity and energy efficiency
CO_2 footprint reduction
High process stability (wide curing window)
Outdoor Polyesters with curing at 150°C (302°F)
Blooming-resistant
Good storage stability

Recommended End Use
Industrial outdoor application e.g. agricultural and construction machinery, garden furniture, fencing
Indoor application e.g. shelving, office furniture, partitioning, white goods

Increase your productivity!

- Use oven times more economically
- Save working hours and personnel costs
- Higher productivity in the same amount of time

Become more energy efficient!

- Save energy and energy costs
- Reducing the CO_2 footprint of your company and the coated parts

Increase your process reliability!

- Prevents over- or undercuring of various complex thin- and thick-walled component groups despite different oven curves
- Enables simultaneous curing of different material groups / reduced planning effort

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Portfolio and Curing Conditions

ENVIROCRON® P5 Series
Epoxy (EP) Low Bake

PPG's portfolio includes primers and highly functional and chemical-resistant topcoats.

	Gloss	Matt	TX
Optimal	10 min 130°C* (266°F)	1)	10 min 130°C* (266°F)
Alternative	10 min 140°C* (284°F)	1)	10 min 140°C* (284°F)

-20°C to -40°C
(from 36°F to 72°F temperature reduction)

ENVIROCRON® P8 Series
Epoxy Polyester (EP-PE) Low Bake

PPG's hybrid powder coating series for the decoration and protection of interior parts.

Gloss	Matt	TX**
10 min 140°C (284°F)	10 min 160°C* (320°F)	10 min 140°C* (284°F)
10 min 150°C (302°F)	10 min 160°C (320°F)	10 min 150°C (302°F)

-20°C to -40°C
(from 36°F to 72°F temperature reduction)

ENVIROCRON® P7 Series EnergyX™
Polyester (PE) Standard Durable (STD) Low Bake

PPG's standard low bake series for everyday outdoor use.

Gloss	Matt	TX**
25 min 150°C (302°F)	25 min 150°C (302°F)	25 min 150°C* (302°F)
10 min 160°C (320°F)	10 min 160°C (320°F)	10 min 160°C (320°F)

-20°C
(36°F temperature reduction)

ENVIROCRON® P1 Series UltraX™
Polyester (PE) Ultradurable*** (UD) Low Bake

PPG's highly weather-resistant low bake series for demanding outdoor application, available with High Edge Corrosion Resistance.

Gloss	Matt	TX**
25 min 150°C (302°F)	25min 150°C (302°F)	25 min 150°C* (302°F)
10 min 160°C (320°F)	10 min 160°C (320°F)	10 min 160°C (320°F)

-20°C
(36°F temperature reduction)

*Special developments

1) not market-relevant

On request only

**Fine Textured and Coarse Textured Semi Gloss and Gloss

*** Refers to Superdurable products

We protect and beautify the world®

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