



IDEAL CENTER, s.r.o.

Poprad-Matejovce, Slovakia

a leader in commercial powder coating in Slovakia

ABOUT US

- **Established:** 2008
- **Production Area:** 3 000 m²
- **Number of employees:** 45
- **Certification:** EN ISO 9001:2015
EN ISO 14001:2015
- **Web site:** www.idealcenter.sk
- **Location:** Priemysel'ná 4760
059 51 Poprad – Matejovce
SLOVAKIA
(next to D1 highway)
- **Contact:** +421 52 778 0105
lakovna@idealcenter.sk



WHAT CAN WE OFFER?

- High quality powder coating of metal components
- State-of-the-art technology
- High capacity
- Variety of RAL shades
- On-Time delivery



PROCESS

- The process of powder coating is **fully automated** and consist of degreasing, nano-ceramic anti-corrosive treatment, powder coating, and paint curing
- Manual work is limited to hanging up and down the components on the conveyor and manual spraying of the section which could not be reached by the automatic gun system

Maximum dimensions of components we can paint:

- Line 1: 2 000 mm (h) x 600 mm(w) x 2 000 mm(l) – metal parts
- Line 2: 2 200 mm (h) x 500 mm(w) x 3 000 mm(l) – aluminum parts
- Maximum weight of component: 50 kg
- Available capacity: 5 000 m²



PRE-TREATMENT

- Our painting line for metal components consists of a **7-level pre-treatment process** that includes alkaline degreasing, rinsing with demineralized water, application of nano-ceramic treatment which ensures high corrosive resistance.

Our pre-treatment process is free of heavy metals and is considered a **green technology**

DRYING

After the pre-treatment, the components continued via conveyor to the drying furnace, where they dry at temperatures between 110°C and 150°C



POWDER COATING

- The paint is applied in the state-of-the-art spraying booth manufactured by GEMA, the leader company in the powder coating application. The spraying booth is using electrostatic technology for powder paint application and consists of **18 automatic spraying guns** and 2 manual spraying guns. This combination ensures the highest quality of painted coating in terms of uniformity of coating thickness and durability. This latest technology spraying booth dramatically reduced downtime of changing the paint color, which means we can offer greater flexibility in RAL shades and improves the efficiency of the painting process.

PAINT CURING

- The powder paint is polymerized in **curing furnace** with the temperatures between 170-220°C for about 15-20 min



SOME OF OUR PAINTED COMPONENTS



REFERENCES

- **Farguell Nitra s.r.o.**

break-pad plate covers Brembo for final client Mercedes-Benz



- **Immergas Europe s.r.o.**

heating furnaces and condensing boilers



- **Whirlpool Slovakia s.r.o.**

panels for washing machine



... and many other partners



Colours are our passion.

Quality is our priority.

**THANK YOU FOR THE
OPPORTUNITY**

