



Advantages

- ▶ Highly light-resistant
- ▶ Flexible
- ▶ Very short drying times
- ▶ Different colours, gloss levels and effects
- ▶ Easy to clean

Coating of ceiling panels 1-pack hydro baking enamel matt OE 06-9666/8

Dipling-Werk GmbH (merged with Fural) in Hungen is a developer and manufacturer of hinged metal ceiling panels, known as window cassettes and oblong panels. It usually teams up with ceiling installers who install the ceilings or customers order the ceiling panels and install them themselves.



Description of coating process

Objects coated:

Ceiling claddings
with and without perforation

Material

Galvanized sheet steel
0.63 – 2 mm thickness

Coating line

Automated flatbed system (Charvo)

Coating process

- Pneumatic spray coating
- ▶ The galvanized and curved ceiling panels are coated automatically
 - ▶ Drying:
baking 10 min/130 °C per object
or 10 min IR drying
 - ▶ Panels are packaged directly, perforated panels are also provided, if necessary, with fleece inserts on the back for acoustic purposes
 - ▶ System speed 1.25 m/min
 - ▶ DFT: 25 – 30 µm

Materials Used

OE 06-9666/8
2-pack epoxy high-build paint, elasticised
RAL various

Properties/Approvals

- Dipling company standard
The following requirements are met:
- ▶ Immersion in water directly after cooling

