

POWDER COATING

VISUAL OPEN SPACES

DIEHL
Aviation



**Climbing higher.
Together.**

CHARACTERISTICS

Powder Coating offers an eco-efficient, lightweight décor solution. The unicolored application of powder coat provides highly durable cabin surfaces and enables the realization of future digital printing options. A neutral cabin is the perfect match for multiple light scenarios and fast changes of brand settings for an airline or leasing company.

BENEFITS

- High surface quality
- Weight reduction compared to current décor solutions
- Robust surface finish
- Eco efficiency
- Optimal basis for digital cabin branding

TECHNICAL DATA

Powder Coating is an alternative surface finish for non-metallic interior parts and can replace wet paint and décor foil.

- Weight reduction:
 - Single Aisle Sidewalls - 3,8 kg per shipset (compared to décor foil)
 - Single Aisle Ceilings - 2,6 kg per shipset (compared to wet paint)
- Self-textured surface
- Basis for digital printing (sublimation)
- Eco friendly - no application of volatile organic compounds
- High reduction of overspray/waste
 - Powder Coating Overspray: approx. 20 %
 - Wet Paint Overspray: approx. 75 %
 - Décor Foil cutting waste: approx. 45 %
- In Flight evaluation in real operation ongoing