

BPCOAT OG

Out-Gassing Powder Coating



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Out-Gassing Powder Coating



It reduces the formation of pinholes, craters and air bubbles

Features and Benefits;

- Minimizing out-gassing problems caused by the substrate
- No additional process step
- Reduces additional curing costs and increasing productivity
- Application on thick components in a single curing step
- Very good result even at very thick applications (150-200 µm)
- Low cure alternatives (160 °C)
- High mechanical properties
- Very smooth flow

Application Area;

- Aluminum profiles and sheets
- Galvanized steel
- Hot-dip galvanized workpieces
- Cast parts



The perfect solutions on porous surfaces

BPCOAT-OG Series are formulated for critical substrates especially for application to casting aluminum and galvanizing-steel substrates. The pinholing on such coated substrates has been identified as the most serious problem associated with coating integrity. Since, it reduce its long term durability, particularly in aggressive (marine) environments.

The main theory as to why pinholes form is due to air being entrapped during the curing process. This series gives more time for the entrained gas to escape from the molten film, which helps in minimizing the formation of bubbles in the coating surface caused by gas or moisture released from porous substrate during cure.

Powder coating based on polyester(TGIC), polyester(PRIMID-HAA), hybrid(epoxy-polyester), polyurethane and pure epoxy are available. And no restriction in color.

