

BPCOAT *TF Series*

CAREFULLY SELECTED PARTICLES



TGIC Free Polyester

www.bpc.com.tr

BPCOATTF Series

TGIC Free Polyester

UV Resistance & Eco-Friendly Outdoor Performance

Safe and long-lasting!

TGIC Free polyester powder coatings are advanced coating systems developed for applications sensitive to environmental and human health, offering high UV resistance and excellent color stability.

The BPCOAT TGIC Free Polyester Series provides regulation-compliant, sustainable, and decorative solutions for architectural and industrial outdoor applications.



Application & Curing (General)

Suitable for electrostatic powder coating application. Applicable with both corona and tribo systems.

180°C-200°C
10-15 minutes

(Depending on the system)

What Is TGIC Free Polyester Powder Coating?

TGIC Free polyester powder coatings are thermoset polyester coating systems produced using alternative curing agents that do not contain triglycidyl isocyanurate (TGIC).

These systems stand out with their REACH compliance, low toxicity profile, and high resistance to outdoor conditions.



BPCOATTF

Why Should You Choose It? *Because,*

- TGIC-free, environmentally and user-friendly formulation
- High resistance to UV radiation and weathering
- Excellent color and gloss retention
- Compliance with Qualicoat and GSB requirements
- Wide range of colors and surface finishes



Product Detail

The BPCOAT TGIC Free Polyester Series is designed for applications requiring long-term outdoor durability and regulatory compliance.

- TGIC-free curing system
- UV-resistant film structure
- Excellent resistance to atmospheric conditions
- Decorative and protective surface properties

Maximum performance is achieved with proper surface preparation and correct curing conditions.



Application Areas

- Architectural aluminum profiles
- Facade and outdoor metal claddings
- Garden and park furniture
- Fences, railings, and gate systems
- Urban furniture and lighting equipment

TGIC Free polyester powder coatings are recommended for projects requiring high UV and environmental resistance in outdoor applications. For indoor applications with very high chemical resistance requirements, epoxy systems are recommended.



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