

# BPCOAT *BM Series*

CAREFULLY SELECTED PARTICLES



**Bonded Metallic**

[www.bpc.com.tr](http://www.bpc.com.tr)

## BPCOAT BM Series

Bonded Metallic

# Higher metal content, Brighter appearance and smoother surface!

BPCOAT-BM Series are decorative protective finishes for metal finishing and entirely manufactured by bonding process that imparts advanced quality and a high degree of color consistency during the application process.

This series are available in different chemistry depend on usage;

- Hybrids(Polyester-Epoxy)
- Polyester-TGIC
- Polyester-Primid



***Mimari dış mekan, iç mekan ve dekoratif uygulamalar için farklı yüzey şekillerinde üretilebilir;***

- Smooth
- Textured
- Wrinkle
- Matt to Glossy

## Application Areas

- Aluminium profile
- Automotive accessories
- Indoor and outdoor furniture
- Lighting equipment
- Shelf cupboard
- Garden and park furniture

## What is differences between two methods dry-blend and bonding?

In dry-blend process, powder coating and pigments are simply mixed that metal and powder does not fix to each other. The problems faced with dry-blended powders are separation with application, color consistency, limited penetration in corners and edges, and their limited ability to be recycled.

In bonding process, metallic flakes are physically bonded to the surface of the base powder coating and move together directly to the surface during the application process which provide several advantages;

- More consistent recycleability
- More consistent color after recycling
- Easier charging without any problem
- Less picture frame effect
- Less application problems
- Higher transfer efficiency(very small amount of the fine particle)
- Better penetration into corners
- No particle segregation during transport and storage
- Lower gun settings, therefore, less equipment wear

What is the most important point with metallic powder coating is to provide stability during application.

BPCOAT-BM Series allows user to obtain constant metallic effect without application problems and can be used both indoors and outdoors with a wide range of products. With BPCOAT-BM Series and our new bonding system, chrome effects, silvers and gold effects with increased amount of metallic pigment and copper-silver-gold hammertone effects can be produced.





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