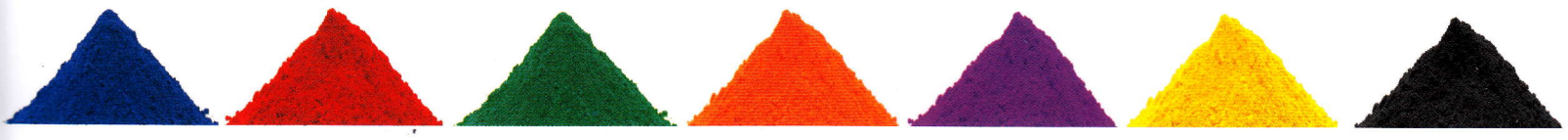
# Alesta®
Powder Coatings

# Powder Coatings Color Selector



AXALTA COATING SYSTEMS

# PRODUCT CODE SYSTEM

## Axalta stocks several types of decorative powder coatings
## The First Letter: Binder Type

E = Epoxy
R = Epoxy-Polyester Hybrid
G = Polyester, TMMGU Glycouril Curative
U = Aliphatic-Urethane (called Urethane)
P = TGIC-Polyester
S = Siloxane or Silicone Polyester
H = Non-TGIC Polyester, HAA Curative
C = Polyester Acrylic

| | Epoxy | Hybrid | Aliphatic Urethane | TGIC Polyester | Polyester Wrinkle | HAA Polyester (TGIC Free) |
|---|---|---|---|---|---|---|
| Hardness | ●●●●● | ●●●● | ●●● | ●●●● | ●●●● | ●●●● |
| Flexibility | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Overbake Stability | ●● | ●●●● | ●●●●● | ●●●●● | ●●● | ●●●● |
| UV Resistance | ● | ● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Corrosion Protection | ●●●●● | ●●●● | ●●● | ●●●● | ●●● | ●●● |
| Chemical/Solvent Resistance | ●●●●● | ●●● | ●●● | ●●●● | ●●● | ●●● |
| Ease of Application | ●●●● | ●●●●● | ●●●● | ●●●●● | ●●●●● | ●●●●● |

This table shows the difference among binder types in the varioius performance characteristics.

● Not Recommended ●● Fair ●●● Good ●●●● Very Good ●●●●● Excellent

## The Second Letter: Cure Response

F = Fast cure. Generally 10 minutes @ 400°F or 10-20 minutes depending on chemistry is sufficient to cure 20-gauge metal and lighter.
Low gloss products may require a slightly longer cure.
L = Low cure. Generally, 10 minutes @ 325°F is sufficient to cure EL and RL products on 20-gauge metal and lighter.
For PL and UL products, 15-20 minutes @ 350°F is sufficient for cure.
S = Slow cure. Generally 10-15 minutes @ 450°F or higher is sufficient to cure 20-gauge metal or lighter.

Heavier substrates require more time and/or higher temperatures. Properties summarized are typical.
Refer to individual product technical data sheet for specific cure information.

## The Third Letter: Color

A = Aluminum or Silver
B = Black
C = Clear
D = Gold, Brass or Copper
G = Green
H = Gray
J = Brown or Bronze
K = Blue
L = Ivory or Cream
M = Maroon
P = Pink or Purple
R = Red
S = Orange
T = Tan or Beige
W = White
Y = Yellow

## The Numbers

The numbers are sequential to provide a unique identification for each product.

## The Last Letter: Surface Type

S = Smooth
M = Metallic or Metallic-Effect Smooth
T = Fine-Textured
H = Heat Resistant
G = Grain-Textured
P = Protective (Functional)
R = River or Ridge Texture
A = Antique-Textured Metallic Vein
W = Wrinkle
B = Bonded

## The Last Number: gloss at 60°

0 = 0 to 9
1 = 10 to 19
2 = 20 to 29
3 = 30 to 39
4 = 40 to 49
5 = 50 to 59
6 = 60 to 69
7 = 70 to 79
8 = 80 to 89
9 = 90 and above