

Product Code System

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

E = Epoxy	P = TGIC-Polyester
R = Epoxy-Polyester Hybrid	S = Siloxane or Silicone Polyester
G = Polyester, TMMGU Glycouril Curative	H = Non-TGIC Polyester, HAA Curative
U = Aliphatic-Urethane (called Urethane)	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 various 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	G = Green	L = Ivory or Cream	S = Orange
B = Black	H = Gray	M = Maroon	T = Tan or Beige
C = Clear	J = Brown or Bronze	P = Pink or Purple	W = White
D = Gold, Brass or Copper	K = Blue	R = Red	Y = Yellow

The Numbers

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

The Last Letter: Surface Type

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

The Last Number: gloss at 60°

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