



10000 Series AAMA 2604-5

10000 Series Superior Exterior Performance TGIC Polyester Systems are formulated to meet and exceed the requirements of the American Architectural Manufacturing Association (AAMA) Specification 2604-05. They are designed to have excellent weatherability, durability, and toughness in service. 10000 Series products exhibit superior gloss and color retention and resistance to fading and chalking-some loss of gloss and some color variation is expected during periods of exterior service as stipulated by the AAMA 2604 standard.

General Product Characteristics:

TEST PARAMETER	PROCEDURE	RESULT	TEST PARAMETER	PROCEDURE	RESULT
Hardness	ASTM D3363-00	H-2H	Cure Schedule (Metal Temperature)		12 minutes @ 400°
Gloss	ASTM D523-89	≥30%, 60°	Recommended Film Thickness		2.5-3.5 mils
Direct Impact	ASTM D2794-93	100-160 in/lbs			
Reverse Impact	ASTM D2794-93	100-160 in/lbs			

Specific Gravity by Individual Product:

10500-91553 (RAL 9003) 1.64	10500-91547 (RAL 9016) 1.63	10500-11712 (RAL 1013) 1.63	10500-91556 (RAL 9001) 1.64
10300-91554 (RAL 9018) 1.61	10300-71758 (RAL 7044) 1.60	10300-71747 (RAL 7038) 1.60	10300-11711 (RAL 1019) 1.55
10300-71751 (RAL 7045) 1.56	10300-30122 (RAL 3012) 1.56	10300-61075 (RAL 6021) 1.57	10300-61077 (RAL 6000) 1.57
10300-61078 (RAL 6028) 1.57	10300-61079 (RAL 6012) 1.56	10300-61074 (RAL 6005) 1.56	10300-61084 (RAL 180 20 15) 1.57
10300-50795 (RAL 5021) 1.57	10300-50794 (RAL 5024) 1.56	10300-50796 (RAL 5019) 1.56	10300-50797 (RAL 5009) 1.57
10300-71748 (RAL 7006) 1.55	10300-30124 (RAL 3009) 1.57	10300-80789 (RAL 8015) 1.57	10300-80790 (RAL 8017) 1.57
10300-80791 (RAL 8014) 1.56	10300-71757 (RAL 7013) 1.58	10300-71765 (RAL 220 30 05) 1.57	10300-80795 (RAL 060 20 05) 1.57
10300-71756 (RAL 7021) 1.56	10300-91555 (RAL 9011) 1.56		

The highest quality powder coating finish results from proper substrate surface preparation, appropriate pretreatment, effective rinse stages, proper powder coating application and sufficient temperature and dwell to ensure the powder coating is cured. Performance characteristics may be affected by operations exhibiting parameters different from the parameters utilized to generate this data, therefore we strongly recommend testing be performed utilizing substrate surface preparation, pretreatment, rinse, powder coating application and cure representative of ones operation to determine whether this product meets the desired requirements.