



Polyester TGIC Free Range

Introduction.

Recommended for use in exterior situations where high resistance to weathering is required. These products may also be used where high resistance to yellowing at elevated temperatures is specified. Trident Powders attention to particle size control and formulation ensured optimum transfer efficiency. "Tribostatic" grades are also available.

Colour.

Made to order/pattern colours are welcomed, alternatively choose from our stock list.

Gloss Levels.

From 20% matt through to 95% measured at 60o

Film Properties.

Meets the following criteria:

Impact	BS3900 E3	Pass 100in./lb
Adhesion	BS3900 E6	No detachment.
Bend	BS3900 E1	pass 1/4"
Scratch	BS3900 E2	Pass 4kg.
Humidity	BS3900 F2	Pass 1000hrs: No blistering.
Salt Fog	ASTM B117	Max. 2mm creep @ 1000hours.

Heat stability.

Excellent colour stability on continuous exposure up to 130oC or intermittent exposure up to 140oC

Specific Gravity.

1.4-1.8 dependent upon colour, gloss and other properties.

Coverage.

11-14 square metres per kilo at 50-70 microns for most applications.

Curing Conditions.

High Bake, 200oC metal temperature for 10 minutes.

Standard bake, 180oC metal temperature for 10 minutes

Low bake, 160oC metal temperature for 10 minutes.

Storage and Handling.

Store in cool (below 25oC) and dry conditions. Shelf life under these circumstances will be approx. 12 months.

For full information on the product type, please refer to the individual material safety data sheet and the "code of safe practice" as issued by the British Coatings Federation.

*No Condition or warranty is to be assumed from the foregoing information, which is offered only as a guide to possible field of use.

* Substrate used in obtaining performance data was 20 gauge mild steel pre-treated using medium weight zinc phosphate, and chromated aluminium panels.