501 Gen Rapid Paint

Gen Rapid Boya

PRODUCT DESCRIPTION

Air-drying, extra-gloss topcoat based on rapid alkyd resin, combining high gloss with fast drying.

AREAS OF USE

Industrial plants, steel structures, machinery, trailer and agricultural machinery manufacturing.

TECHNICAL PROPERTIES

Components	Single-component (1K)
Colour	36 stock RAL colours (Groups 1, 2, 3); other RAL colours on request
Gloss	Extra gloss (60°: 90–95)
Density (20 °C)	1.30 ± 0.10 kg/L
Volume solids	50% ± 3
Theoretical coverage	14 m²/kg (single coat)
Application method	Air/airless spray; brush and roller
Thinning	Spray 15–25%, roller 10–15% · 015 Gen Industrial Thinner
Number of coats	At least 2 coats
Equipment cleaning	015 Gen Industrial Thinner

DRYING TIMES

Dust free	20–30 minutes
Touch dry	2–3 hours
Hard dry	24 hours
Full cure	7 days

Values apply at 23 °C ambient temperature and 50% relative humidity; low temperatures and high humidity extend the times.

SURFACE PREPARATION

The surface must be free from oil, grease, dust, rust and salts. Steel must be abrasive blast-cleaned to at least Sa 2½ (ISO 8501-1) and primed within 4–6 hours of blasting. Recommended surface profile: 40–75 µm.

APPLICATION CONDITIONS

Application temperature +5 °C to +35 °C; relative humidity max. 85%. Surface temperature must be at least 3 °C above the dew point; do not apply on wet or damp surfaces.

RECOMMENDED SYSTEM

Primer: 504 Gen Rapid Primer or 505 Gen Anticorrosive Rapid Primer · Topcoat: at least 2 coats

PACKAGING

850 g · 2.7 kg · 14 kg

STORAGE AND SHELF LIFE

Store in tightly closed original packaging at +5 °C to +35 °C in a well-ventilated, cool and dry place, away from heat and sources of ignition. In unopened original packaging, from the date of manufacture: 24 months.

HEALTH AND SAFETY

Before use, read the product Safety Data Sheet (SDS) and the hazard and precautionary statements on the label. Ensure adequate ventilation during application; wear suitable protective gloves, goggles and, where necessary, a mask. Keep out of reach of children. Do not empty product residues or containers into drains; dispose of them in accordance with local regulations.

The information in this technical data sheet is based on laboratory tests and practical experience. As application conditions, substrates and equipment are beyond our control, the user must verify the suitability of the product for the intended application. GENAŞ Gen Boya San. ve Tic. A.Ş. is responsible only for the quality of the product and cannot be held liable for uses other than those recommended. This sheet remains valid until superseded; we reserve the right to change product specifications in line with technological developments.