Alkyd Based Road Marking Paint

Alkyd resin based · Single-component · Cold applied

PRODUCT DESCRIPTION

An alkyd resin based, single-component, cold-applied road marking paint.

FEATURES

- High adhesion.
- Fast drying.
- Resistant to abrasion.
- Matt finish with high opacity.
- White and yellow are standard colours; other RAL colours are made to order.

AREAS OF USE

Used for all types of traffic lines and road markings. Best results are obtained on asphalt surfaces; application on vacuum-dewatered concrete is not recommended, as adhesion will be weak.

TECHNICAL PROPERTIES

PROPERTY	VALUE	STANDARD
Resin type	Alkyd	
Gloss	Matt	
Solids content (by weight)	75 ± 2%	ASTM D1353
Solids content (by volume)	60 ± 2%	ASTM D6093
Viscosity (25 °C)	80–95 KU	ASTM D562
Density	1.50–1.64 kg/L	TS EN ISO 2811
Luminance factor	White > 0.85 · Yellow > 0.50	

Solids content, viscosity and density may vary with colour.

DRYING TIMES

PROPERTY	VALUE
Touch dry	Max. 15 minutes
Through dry	30–45 minutes

Values apply at 23 °C ambient temperature and 50 ± 2% relative humidity; low temperatures and high humidity extend these times.

APPLICATION

Surface preparation. The surface must be dry and free of dust.

Application temperature. Between +5 °C and +40 °C.

Thinning. Ready to use; no thinning required. If necessary, it can be thinned by 5–10% with Renga Thinner.

Film thickness and consumption. Approx. 0.53–0.57 kg/m² for 350 µm wet film (excluding losses).

Application equipment. Line marking machines are recommended; an air spray gun may be used. Brush and roller may not achieve the required film thickness.

STANDARD

Complies with TS EN 1871; TSE certified (licence no. 0478695-TSE-01/01).

PACKAGING AND STORAGE

Packaging	25 kg pail / tin
Storage	In its closed original packaging, in a cool place out of direct sunlight.
Shelf life	1 year

HEALTH AND SAFETY

Flammable liquid and vapour. Keep away from heat, sparks and open flames; work in a well-ventilated area and wear protective gloves and goggles. For detailed information, refer to the product's safety data sheet (SDS).

The information in this technical data sheet is based on Renga Plus laboratory experience and field applications and applies to the product as of the date of publication. As substrate, weather and application conditions affect product performance, the information is a general guide; the suitability of the product for its intended purpose must be assessed by competent persons before each application. Renga Plus reserves the right to change its products without notice; a new edition of this data sheet supersedes all previous editions. Confirm the current edition at rengaplus.com or with our technical team. For handling, storage, first aid and personal protection information, refer to the product's safety data sheet (SDS).