Water-Based Road Marking Paint

Acrylic emulsion based · Water-based · Matt

PRODUCT DESCRIPTION

A water-based, acrylic emulsion based, matt road marking paint used for all types of lines and markings on roads.

FEATURES

- Water-based; contains no solvents.
- High adhesion and durability.
- Fast drying.
- High opacity.
- Excellent glass bead retention.
- Resistant to abrasion.

AREAS OF USE

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

TECHNICAL PROPERTIES

PROPERTY	VALUE
Binder	Acrylic emulsion, water-based
Appearance	Matt
Density	1.54–1.60 g/cm^3
Viscosity (25 °C)	80–95 KU

DRYING TIMES

PROPERTY	VALUE
Touch dry	Max. 15 minutes
Full dry	20–40 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 and oil.

Application conditions. Application temperature between +5 °C and +40 °C. Relative humidity max. 85%; the surface temperature must be at least 3 °C above the dew point.

Thinning. Ready to use.

Film thickness and consumption. 0.480 kg/m^2 for 300 µm wet film; 0.960 kg/m^2 for 600 µm wet film.

Application equipment. Air spray gun. Brush and roller can be used but 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
Storage	Store in its closed packaging, out of direct sunlight, between +5 °C and +35 °C. Protect from frost.
Shelf life	1 year

HEALTH AND SAFETY

Keep out of the reach of children. Avoid contact with eyes and skin; work in a well-ventilated area. 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).