

TEKNOROAD 250

Road marking paint

TEKNOROAD 250 is a fast-drying, matt alkyd paint that is resistant to weather and light.

Used on asphalt and on oil gravel for marking of roads and related carriageways, parking places, air fields and other areas with traffic.

TEKNOROAD 250 dries extremely fast. When the temperature is above +20°C, traffic can be allowed on the painted surfaces after 5 minutes without causing damage to the paint. The drying is slower at lower temperatures but even then it is fast enough for the paint to be used when the temperature is e.g. +5 - +10°C.

TEKNOROAD 250 meets the quality requirements for road marking paints prescribed by the Finnish Transport Infrastructure Agency.



TECHNICAL DATA

Certificates, approvals and classification	Finnish Transport Infrastructure Agency
Fields of application	Road markings
Recommended substrate	Asphalt
Binder	Alkyd
Solids	white: 75 ±2% by weight yellow: 71 ±2% by weight black: 76 ±2% by weight
Total mass of solids	white: approx. 1100 g/l yellow: approx. 1000 g/l black: approx. 1200 g/l
Theoretical spreading rate	The theoretical spreading rate is 3 - 4 m ² /l when using the recommended film thicknesses. Surface porosity as well as overspray may reduce the spreading rate.
Film thickness	Recommended wet film thickness: 250 - 350 µm Corresponding recommended dry film thickness: 150 - 210 µm
Colours	White, yellow and several special colours. White and yellow come up to the requirements for brightness and colour prescribed by the Finnish Transport Infrastructure Agency.
Gloss (60°)	Matt
Thinner	TEKNOSOLV 4039

Storage The storage stability is shown on the label. Store in a cool place and in tightly closed containers.

DIRECTION FOR USE

Surface preparation	The surface to be treated must be dry and clean. Loose matter that may weaken adhesion, such as sand, gravel, moss and other kind of growth, poorly adherent previous markings, oil and grease must always be carefully removed before applying the marking material.
Application method	Airless spraying, Low-pressure spraying
Application	Stir thoroughly before use. NOTE! Make sure, that mixer's motors are Ex-protected, because the paint is highly flammable. To achieve retro-reflectance, it is recommended that glass beads are strewn on the fresh paint coat.
Application conditions	The surface to be treated must be dry. During the application and drying period the temperature of the ambient air, the surface and the product shall be above +5°C and the relative air humidity below 80%.
Thinning	The paint is suitable for use in most low pressure sprays or airless sprays. For low pressure sprays with weak capacity the paint can be thinned 5% by TEKNOSOLV 4039. When thinning the paint take care to stir with special care.
Cleaning	TEKNOSOLV 4039

HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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