



TECHNICAL DATA SHEET



SIGNALINE - WHITE

ALKYD BASED ROAD MARKING PAINT

- "Signaline" cold road marking paint is based on solvent and alkyd resin.
- This paint is used for marking of all kinds of urban roads and expressways, parking lots and other areas.
- It has been formulated to meet the requirements of the TS EN 1871, TS EN 1436 and Highways Technical Specification.
- This one component road marking paint is applied by spraying on the surface and reflects light thanks to glass beads being dropped on the paint.
- Depending on the pigments used in it, the paint may be in any color.
- This solvent-based paint is applied in approximately 350 - 800 micron of thickness with spraying.

PRODUCT INFORMATION

- Class: Alkyd based road marking paint
- Application method: Airless or pneumatic machine
- Product name: Signaline
- Color: White

APPLICATION INFORMATION

Surface Preparation and Application Information:

Before the application of **Signaline**, the area should be dry and away from dust, grease, and other dirt.

The existed old paint should be cleaned, but if it isn't easy, application can be done on it.

With automatic application equipments, paint should be spraying to the road surface and drop on glass beads on the product. In case of need, application can be done with brush or roll.

There is no need to dilute the product because it is on the application viscosity. In case of need, it can be dilute with its own thinner.

Use glove and mask during the application.

Drying time: 20 min. (23 °C ve % 49 humidity)

Max. Humidity: % 80

PAINT AND GLASS BEAD CONSUMPTION AMOUNT

Paint	500-900 g / m ²
Glass Beads (TS EN 1423)	350 g / m ²

Note: The values in the table are theoretical values.

Consumption amount can be changed according to the surface and weather conditions.

PHYSICAL PROPERTIES

- Color: White
- Viscosity (KU): 90 ± 10
- Density: 1,60 g / ml. ± 0,1
- Storage Stability: 6 and over
- Amount of Solid Matter: % 75 ± 3
- Amount of Binder: At least %18
- Luminance Factor: LF7 / β ≥ 0,85
- UV Ageing: UV 1
- Hiding Power: At least %95



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ROAD TRIAL RESULTS

Value and for each number of roll-overs (x10 ⁶)	Night-Time Visibility (mcd. m ⁻² .lx ⁻¹)	Skid Resistance	Day Time Visibility (mcd. m ⁻² .lx ⁻¹)	Luminance Factor
P	R _L	SRT	Q _d	β
(0,01) P0	169 – R3	47 – S1	275 – Q5	0,74 – B5
(0,1) P2	189	46	272	0,718
(0,2) P3	193	45	268	0,705
(0,5) P4	222 – R4	45 – S1	256 – Q5	0,670 – B5
(1,0) P5	231 – R4	45 – S1	252 – Q5	0,665 – B5
(2,0) P6	224 – R4	45 – S1	249 – Q5	0,656 – B5
(4,0) P7	215 – R4	45 – S1	226 – Q5	0,616 – B5

Trials and controls were carried out by Asociacion para el Estudio de las Tecnologias de Equipamiento de Carreteras, S.A., an accredited organization. C / Isaac Peral, no: 1 E-28914 Leganes (Madrid) -Spain Tel: +34 916 800 160 - aetec@aetec.es

PACKAGING AND STORAGE CONDITION

- Signaline-White puts in to service in 25 kg metal package. And also for specific applications, it can be sold in IBC.
- At proper storage conditions, shelf life is 1 year.
- Store at closed areas, and get away from fire sources.