

KOLIBIR LTD – Road marking paint



KOL-PLAST white Cold plastic material type 901 - USE DIRECTIONS

Type 901 is a two component (2K) material, based on an Acrylic polymer.

Designed to mark asphalt and concrete roads, by extrusion or spreading.

The paint is suitable for use in assemblies' type 2, according to Israeli standard (IS) 1871.

Preparation of the road surface

The asphalt/concrete surface has to be in good condition and according to the relevant standard.

The surface quality has great influence on the performance of the assembly.

Do not paint on wet or humid surface, or 7 days before rain. The surface has to be clean, without any leftovers of dust, oil, grease or sand.

New surfaces have to be at least 4 weeks old. When applying on new concrete, remove all strange materials (materials such as sealants etc..).

Concrete which has been smoothed, the surface has to be roughened up, to enhance the material adhesion.

The material can be applied on old Alkyd, Acrylic, Thermoplastic, or Cold plastic paints, taking appropriated care:

The adhesion of the old paint to the surface has to be checked, do not apply on loose paint.

Environmental conditions

Depth of the structure: $0.6 \leq Y \leq 0.9$ mm. Temperature: 10°C-40°C. Surface temperature: at least 3°C above the dew point.

The optimal temperature for application is 15°C-25°C. Application at a lower or higher temperature will cause a significant shortening / elongation of the drying time.

Application

Ratio: 99% cold plastic + 1% Hardener 805.

Applying by extrusion, with special road marking machine for 2K materials, with hardener dosing and mixing mechanism.

Applying by manually spreading, mix well to a homogenous mixture, add the hardener, and mix well until the hardener is completely mixed in the material.

After the addition of the hardener, the material has to be applied inside 5 minutes. Waiting longer can impair the adhesion of the material to the surface, and cause damage to the application machine.

KOLIBIR LTD – Road marking paint

KOL-PLAST white Cold plastic material type 901 - USE DIRECTIONS

Drying:

The material has to be protected from traffic until is completely dry.

Drying time – less then 30 min. at 25°C.

Dilution:

Do not dilute with any kind of solvent or thinner.

Light reflection:

Dispense glass beads on the wet paint immediately after application.

Type and quantity – see technical bulletin.

Quantity:

System 2 – usage class A at P7 R4 Q5

2 Kg /m² kol-plast 901 , 0.5 Kg/m² glass beads type Potters Starlitebeads 200B AC02

System 1 – usage class B at P7 R3 Q3

1 Kg /m² kol-plast 901 , 0.5 Kg/m² glass beads type Potters Starlitebeads 200B AC02

Coverage:

The hiding power is influenced by the application system and it's quality , by the depth of the road structure and the weather.

Storage:

Shelf life – 1 year.

The paint has to be stored in a shaded place, extreme temperature have to be avoided , the paint has to be stored with the appropriate carefulness and according to it's safety data sheet.

The paint is produced under a strict quality control procedure.

Data presented here is based on our best knowledge and experience, we reserve the right to update and/or alter it without prior notice.

KOLIBIR LTD 5 Modeine st. Petach-Tikva 4927154 ISRAEL Tel: 97239046652 Fax: 97239046452

info@kolibir.co.il www.kolibir.com

addition 1/2019

page 2/2

