

KOLIBIR LTD – Road marking paint



KOLPLAST White Cold plastic material type 801 - USE DIRECTIONS

Type 801 is a three components (3K) material, based on an Acrylic polymer.

It is designed to mark asphalt and concrete roads , by spraying.

The paint is suitable for use in assemblies type 1 according to IS 1871.

Parts – 801A , 801B , 805 hardener.

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..).

On 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 5°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: 801A:801B = 1:1 , 1 can of 801A :(1 can of 801B +1 bag Hardener 805) , **do not add hardener 805 to 801A.**

Applying by spraying , with a special road marking machine for 2K materials at a ratio of 1:1 , with double spraying gun that mix part 801A and 801B in the air after exiting the nozzles.

Method: mix parts 801A and 801B **separately**, until receiving homogenized solutions. Add hardener 805 to part 801B and mix well, wait 15 minutes and mix again. **Do not add hardener 805 to part 801A, do not mix parts 801A and 801B.**

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Drying:

The material has to be protected from traffic until it 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 and Skid resistance:

Dispense the glass beads on the wet paint immediately after application.

Quantity:

1.2 Kg /m² (± 10%) kolplast 801 , 0.5 Kg/m² (± 10%) glass beads type Potters 3D AC05 (3:1).

Coverage:

± 25 m² /18L can , 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 – 9 month from production date.

The material has to be stored in a shaded place, extreme temperature have to be avoided, the material 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.

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