

COLD PLASTIC FOR SPRAY APPLICATION

Two-component cold spray plastic paint for horizontal road marking (system 98:2 and 1:1), is a homogenous suspension of pigments and fillers in special MMA resins. The paint is designed for horizontal marking of roads, streets and runways with asphalt and concrete pavements.

- ✓ Good abrasion and wear resistance
- ✓ Excellent adhesion to asphalt and concrete surfaces
- ✓ Good bead and anti-skid embedment with recommended from the producer drop-on materials
- ✓ Suitable for Airless spray application using 98:2 or 1:1 machine equipment

CHARACTERISTICS

Colors	White, Yellow, other colours on request
Density	1.60KG/L
Solid content	100% (Solvent free)
Pot life	2 – 5 min. (depending on hardener quantity added and air, material and surface temperatures)
Drying/Curing time	Depending on the climate conditions, layer thickness and surface may vary from 20min up to 40min
Dosage	Usual application of 0.600-0.950Kg/m ² depending of the desired DFT(0.3-0.6mm)
Application conditions	Air temperature 5-35°C, Asphalt temperature 5-45°C, Air humidity 85%

Paint preparation:

The product should be thoroughly mixed in the original can before processing.

In case of 98:2 application machine, the hardener is automatically added by the application machine in proportion 98:2.

In case of 1:1 application machine, 2%(weight) hardener is added to component B (non reactive) of the system then well mixed.

AVOID ANY CONTACT OF HARDENER OR MIXING EQUIPMENT USED FOR THE COMPONENT B(NON REACTIVE) WITH COMPONENT A(REACTIVE) OR OPPOSITE!

The non-reactive component has limited storage stability (pot life) once mixed with the hardener. Therefore, always remove any residual premixed material from the machine after use. Left in the machine after use may cause machine damage due to polymerization.

Even during brief machine downtimes, you must flush the mixing and spraying equipment, Otherwise, the paint curing will cause clogging and damage to the machine parts.

Surface Preparation:

The surfaces must be clean, dry, and free from any contamination such as oil or grease residues.

On new asphalt/bituminous surfaces, the product should be applied only after 28 days of traffic exposure.

For old roads and existing markings, it is strongly recommended to check the load-bearing capacity and ensure the compatibility of the material to be applied.

Application:

Application is carried out using specialized machines for 98:2, or 1:1 ratios.

98:2 - Component A (Reactive) and the liquid hardener are mixed automatically by the machine. The amount of paint and hardener are adjusted according to the machine producer manual instructions. The drop-on material is distributed immediately on the fresh layer.

1:1 - Component B (Non-reactive), mixed with 2% powder or liquid hardener is added to the machine container. The mixing with component A (reactive) is done automatically by the machine in proportion 1:1. The drop-on material is distributed immediately on the fresh layer.

Reducing viscosity in cold weather may be required. Use no more than 1% cold plastic conditioner.

For cleaning the equipment, use BAT thinner.

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Health & Safety Information:

During application, use appropriate personal protective equipment (gloves, goggles, and masks).

Refer to the text on the product label for additional safety information.

The user is responsible for complying with all national regulations regarding occupational health and safety, as well as proper waste disposal.

Storage:

The product should be stored in closed, dry and fire-proof warehouses and premises at a temperature of not more than 30°C. Do not expose to direct sunlight. Keep out of reach of children!

Packaging:

- Cold Spray Plastic component **A (Reactive)**: Metal cans - 30KG.
 - Cold Spray Plastic component **B (Non-Reactive)**: Metal cans - 30KG.
- Other packaging types may vary depending on customer requirements.
- Liquid hardener: Plastic tubes - 20/25KG
 - Powder Hardener: Plastic bags - 0.200KG

Shelf life:

6 months from production date in factory-sealed package.

This Technical Data Sheet is intended to inform Customers of the product concerned. Policolor-Orgachim invites customers to check the quality of the product and carry out trial application before use, to use the product properly, to comply with the application conditions in accordance with the label instructions and technical parameters. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the Technical Data Sheet for this product. Due to the lack of control over the conditions and manner of application, the manufacturer does not guarantee /without prior written confirmation/ its durability or any direct or indirect consequential damages caused or related to the way the product is used or laid, in case the product is used for purposes other than the purpose indicated on the label and in this technical data sheet; We guarantee the properties and qualities of the product insofar as this product is not exposed to external factors and impacts that could not be foreseen by us and could not be taken into account in the preparation of this Technical Data Sheet. Policolor-Orgachim will not accept any liability in the above cases unless consent has been given explicitly, liability is imposed by legal provisions or arising from commercial obligations. As the information contained in this Technical Data Sheet is subject to periodic changes, please make sure, via our web sites or technical team, that this description is the latest and has not been replaced by a new version.