

## TECHNICAL DATA SHEET

PRODUCT: Cold Plastic "Machine (1:1)"

### 1.- Scope of use:

Its application field is Road Marking on and bitumen pavements, in roadways, relining upon alkyd, acrylic, cold plastic or hot melt paints is possible.

It is specially produced for big symbols marking (arrows, pedestrian crosses, etc.) providing a higher durability than conventional paints and a higher productivity than the manual cold plastic application.

### 2.- Technical Data:

PROPERTY	TEST METHOD	SPECIFICATION	DECLARED VALUE
Viscosity Krebs-Stormer	UNE-EN 12802	± 10 UK over declared value	< 100 UK
Specific gravity	UNE-EN 12802	± 2% from declared value	1,7
Colour (chromaticity coordinates)	UNE-EN 1871	coordinates x, y within the region defined in UNE-EN 1436 for white colour	x, y inside white region
Luminance factor	UNE-EN 1871	$\beta \geq 0,80$	0,86 LF7
No pick-up Drying time	UNE 135202	≤ 30 minutes	20 minutes
Accelerated ultraviolet ageing	UNE-EN 1871	variation in $\beta \leq 0,05$ x, y within its colour region, without superficial anomalies or defects	UV1
Alkali resistance	UNE-EN 1871	Without defects of damages on the surface	Without defects of damages on the surface

### 3.- Retroreflectivity

Retroreflective road marking by dropping glass beads onto the paint film immediately after applied.

Use the suitable type and coating of glass beads, depending on the requirements of the road marking.

### 4.- Application, Dilution, Dosage

Pour the catalyst needed on B component pail paint. Stir thoroughly the paint in the pail before using. Air spray or airless (high pressure) assuring an accurate mixture in ratio 1:1 between part A and part B.

A 30% peroxide as curing agent must be added in a dosage among 5 bags (4.2%) to 10 bags (8.3%) each bag is 250gr. Lower peroxide dosage could lead to an incorrect drying and hardening of this mixture and often produces wet spots. The amount of catalyst can be graded in an inverse relation to the ambient temperature.

Cold application after father 1:1 components mix. A constant mixture of A and B parts is required in all the application surface. Materials must be perfectly homogenized.

Road marking machine capable of applying and controlling automatically dosage and homogeneity (complying with UNE 135277-1 and EN Standards)

Do not ever dilute the product with any kind of solvent or thinner.

Clean the application equipment after every use, even after temporary stops with ethyl acetate solvent or MEK.

**Do not exchange the position of A and B parts in the application machine**

**Warning! Do not ever add the curing agent in part A.**

### 5.- Precaution and limitations

## WISEVER Fabricación S.L.

Tel.: 967145162 Fax: 967145458

Pol. Ind C/A, 50. 02600- Villarrobledo (Spain)

E-mail: [visever@visever.com](mailto:visever@visever.com)

[www.visever.com](http://www.visever.com)



It is recommended to adequate the surface before lining. Remove the possible remainder of the curing agents, because they can damage the adhesion of the road marking on the pavement.

The application must be carried out at temperatures between 5°C and 40°C. Out of this limits, the application and its drying time could be affected. Ambient temperature exceeding dew point at least 5°C. Wind speed must be lower than 25km/h.

### 6.- Equipment Cleaning

The material cleaning must take place immediately after its use with ethyl acetate solvent or MEK.

### 7.- Glass beads Dosage

Use the amount of paint and glass beads required in the contract or specifications sheet.

An adequate paint film thickness is obtained by a dosage from 1000g/m<sup>2</sup> of paint and 500g/m<sup>2</sup> of glass beads.

### 8.- Durability and normative

This paint complies with the European standard **EN 1871** and the Spanish standard **UNE 135200-2**.

This paint allows to construct road marking systems which comply with the requirements of the European standard **EN 1436**, once is applies with the right dosage of glass beads and antiskid aggregates.

Applied along with glass beads type "Echostar 5" the System has a durability estimated over 4.000.000 wheel passages as estimated in the Normative EN 13197.

### 9.- Preservation

Storage the product in the original pails, protected from the extreme conditions.

Protect the product from direct sunlight and heat sources.

Regulated by IT MIE APQ-1 standards about Flammable Chemical Liquids Storage.

Classified as B1 flammable liquid.

Use the paint preferably before 6 months from its production date.

Read carefully the Security Data Sheet.

### 10.- Presentation

Homologated 27 kg pails in pallets of 36 pails and 972 kg.

VISEVER, SA reserves the right to update and modify any specific technical data according to the legislation in force. This information, prescriptions and use given, are based in Visever's knowledge about its products in normal situations and using them correctly. The user must verify the suitability of the product according to the use intentions, the surface and the real conditions of the appliance place.