

TECHNICAL DATA SHEET

PRODUCT: Waterbased Acrylic Paint

1.- Scope of Use:

Asphalt or bitumen and concrete pavements. Interurban ways.

Relining upon hot melt thermoplastics, and alkyd and acrylic paints.

New concrete pavements with precautions. New asphalt pavements with limitations, for possible bleeding or staining. In case of direct application upon new asphalt pavements, make a temporary road marking to reduce the possible bleeding or staining caused by the recent bitumen.

Protect the road markings from traffic until drying in the inside of paint. Not recommendable for road marking in urban ways, due to its high plasticity.

2.- Technical Data:

PROPERTY	TESTING METHOD	SPECIFICATION	DECLARED VALUE
Viscosity Krebs-Stormer	EN 48076	± 10 UK of declared value	86 UK
Non-volatile content	EN 12802	± 2% of the declared value	79,5 %
Binder Content	EN 12802	± 2% of the declared value	± 2% of the declared value
Luminance factor	EN-ISO 2811-1	± 0,02 of the declared value	1,73
No-pick-up drying time	UNE 135202	≤ 30 minutes	≤ 30 minutes
Colour (Chromatic coordinates)	UNE 48073-2	coordinates x, y within the region defined in UNE 135200-2 for the white colour	co-ordinates x, y within the region defined in UNE 135200-2 for the white colour
Accelerated artificial ageing	UNE-EN 1871	Variation in $\beta \leq 0,05$ x, y within the region of color, without anomalies or superficial defect.	Variation of $\beta \leq 0,05$ x, y within the region 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, Dosage.

Spraying by air-guns or airless guns. Road marking machine capable of applying and controlling automatically dosage and homogeneity (in accordance with UNE 135277-1 and EN Standards). It is recommended to shake the pails before opening.

If dilution is necessary, use up to a 3 % of water in relation to paint. Consider the added thinner for the testing and identification of the paint and for the desired film thickness of applied paint.

In presence of slight moisture, it is possible to carry out the application if conditions of temperature are met.

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

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An adequate film thickness is obtained by a dosage of 720 g/m² of paint. Dosages above 900 g/m² of paint in only one layer can delay the drying time.

An adequate retroreflectivity is obtained with a dosage from 350 g/m² of glass beads.

5.- Precautions and limitations

In case of relining, make sure of the good adhesion on the pavement of the pre-existing road marking. In case of application upon new concrete pavements, remove the possible remainder of the curing agents, because they can damage the adhesion of the road marking on the pavement.

6.- Conditions

Dry and clean pavements, whose temperature is neither below 5 °C nor above a 40 °C.

Ambient temperature exceeding dew point at least 5 °C. Wind speed below 25 km/h.

Material perfectly homogenized: stir thoroughly the paint in the pail before using.

7.- Equipment Cleaning

The equipment can be cleaned using water. Do not use any solvent for cleaning guns or machines. Equipment cleaning is highly recommended after paint application.

8.- Preservation

Use the paint within six months from its manufacturing date. Protect from storage in the open, with extreme change of temperature.

9.- Presentation

Homologated 27 kg. Pallets of 36 pails and 972 kg.

It can be supplied in white, yellow, blue and red.

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.