



TECHNICAL DATA SHEET

PRODUCT: Hot-applied extrusion

COLOR: WHITE

1.- Scope of use:

Its application field is road marking over bitumen pavements, in roadways, and highways, relining upon alkyd, acrylic or hot-melt paints is possible. Recommended product for screed symbols and ryblines.

High durability product and instant dry.

2.- Technical data:

PROPERTY	TESTING METHOD	SPECIFICATION	CLASS
Binder Content	UNE-EN 12802	± 2% of declared value	Provided by supplier
Colour	UNE-EN 1871	co-ordinates x, y within the region defined in UNE-EN 1436 for White colour	x, y within the region defined for White colour
Luminance Factor	UNE-EN 1871	$\beta \geq 0,80$	0,82 LF6
Softening Point (Ring and ball method)	UNE-EN 1871	$\geq 95^{\circ} \text{C}$	SP3 $\geq 100^{\circ} \text{C}$
Flow Resistance	UNE 135223	Declining Height $\leq 5\%$	Declining Height $\leq 5\%$
Heat Stability	UNE-EN 1871	Variation in $\beta \leq 0,05$	Consistent variation ≤ 5 UK with no stability defects
Accelerated ultraviolet ageing	UNE-EN 1871	variation in $\beta \leq 0.05$ x, y within the region defined for White colour without superficial anomalies, or defects	UV1 $\Delta \beta \leq 0.05$ x, y: region defined for White colour without superficial deterioration

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.

The glass beads must be buried inside the material from 50-60% to assure good durability of the night visibility

4.- Application, Dilution

Application by screed and extrusion, depending on the operation of the machine.

Hot application after melting the material among 180 and 200 °C: lower temperatures can affect the adhesion. Higher temperatures may cause degradation of the material

Road marking machine capable of applying and controlling automatically dosage and homogeneity (in accordance with UNE 135277-1).

5.- Precaution and limitations

Do not heat the material above 220 ° C (safety temperature).

Keep the heated material constantly stirred, and use it within six hours.

Do not overheat the material and do not subject it to more than four cycles of heating and cooling.

Not suitable for direct application upon concrete pavements. In this case, apply before an adherent primer.

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It's recommended to carry out a surface preparation wherever water, moisture, dust, or grease may exist as they can affect the adhesion of the material to the substrate.

Dry and clean pavements, whose temperature is not below 5 °C.

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

In case of relining, make sure of the good adhesion of the pre-existing road marking on the pavement.

6.- Equipment cleaning

The material cleaning must take place while the product is warm, small traces of product may be treated when cold with toluene, acetone or universal thinner

7.- Dosage

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

An adequate film thickness is obtained by a dosage between 2500- 3000 g/m² of thermoplastic.

An adequate retroreflectivity is obtained with a effective incorporation from 380 to 500 g/m² of glass beads.

8.- Durability and normative

This paint complies with the European standard **EN 1871**.

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.

The product durability has been tested according to European Standard, obtaining the following results:

Thermoplastic Spray 3000 g/m ² + glass beads 3FH 5 500 g/ m ²				
Road marking type I			Usage P-R (permanent-retroreflective-dry visibility)	
CERTIFICATE	DURABILITY LEVEL	Dry night visibility	Day visibility	Skid resistance
2042/PR-I AETEC	P7 /4MM WHEEL PASSAGES	R5 (□300)	B5 (□0,60), Q5□(200)	S1 (□45)

9.- Preservation

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

Protect the product from direct sunlight and heat sources

Use the paint within one year from its manufacturing date

Read the safety data sheet

10.- Presentation

500 kgs BigBags in pallets of 2 bigbags and 1000 kilos or 25 kgs bags in 1200 kgs pallet

It can be supplied in white and yellow

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.