
Specification for Road marking paint

ICS 93.080.20



**Mauritius Standards Bureau
Moka**



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Foreword

This Mauritian Standard was drawn up by the Chemical Standards Committee through its subcommittee on Paints and approved by the Standards Council on 11 October 1990. It was notified in the Government Gazette on **12 January 1991***.

In preparing this standard reference was made to the following.

1	ISO 3251	Paints and varnishes - Determination of non-volatile matter of paints, varnishes and binders for paints and varnishes
2	ISO 4618	Paints and varnishes - vocabulary
3	BS 381C	Colours for identification, coding and special purposes
4	BS 3900	Methods of test for paints
5	BS 6044	Pavement marking paints
6	SABS Method 560	Pigment volume concentration of paints with a non-aqueous solvent base
7	SABS 731	Road marking paint
8	SS 221	Road marking paint

Acknowledgement is made for the use of information from the above publications.

* **General Notice No 13 of 1991**

SPECIFICATION FOR ROAD MARKING PAINT

1 SCOPE AND FIELD OF APPLICATION

This Mauritian Standard specifies requirements for quick drying road marking paint for use on bituminous and concrete road surfaces. It makes provision for yellow, white and black but does not cover reflectorized paint.

2 DEFINITIONS

For the purpose of this standard the definitions given in ISO 4618 apply together with the following.

2.1

Batch

A definite quantity of road-marking paint produced from a single mix or in the case of a continuous process a single day's production of road marking paint.

2.2

Defective

A test sample or a container of the road marking paint that fails in one or more respects to comply with the relevant requirements of the specification.

2.3

Lot

A collection of product units of the same size, type and colour which have been filled with road marking paint from a single batch.

2.4

No pick-up-time

The period, determined by the procedure described in 6.2, between application of a paint and the moment when the paint just ceases to be removed by a simulated tyre of a vehicle passing over the painted surface.

2.5

Pigment volume concentration

The total volume of the pigments and the extenders, expressed as a percentage of the total volume of the pigments, the extenders and the non-volatile vehicle.

2.6

Product unit

One unit of the final product consisting of the sealed container filled with road marking paint.

2.7

Standard test conditions

A temperature of 25 ± 2 °C and a relative humidity of $70 \pm 5\%$.

3 MATERIALS AND MANUFACTURE

The materials used shall consist of finely ground uniform mixture of pigments together with a suitable vehicle and solvent along with other suitable ingredients as may be necessary to produce a paint so as to satisfy the requirements of this standard.