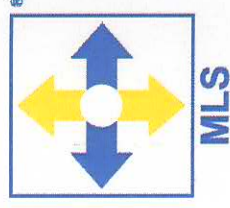


Product Data Sheet

Issued-03/02/2017

MLS SYNTHETIC



THERMOPLASTIC ROAD MARKING MATERIAL

Product Code: **MLSWG1SA & MLSYG1SA**
Product Colour: White & Yellow
Specification: **BS 3262 Part 1:1989**

PRODUCT DESCRIPTION

MLS SYNTHETIC Thermoplastic Road Marking Material is a 100% solid material blend of binder, pigments, plasticizers, glass beads and extenders.

It is melted to a temperature not exceeding 220°C and applied in a molten / liquid state to the pavement. Upon cooling to the normal pavement temperature, the completed thermoplastic road markings provides a very durable and reflective markings for the road users.

PRODUCT ADVANTAGES

- Excellent adhesion to suitably prepared surfaces with good glass beads retention.
- Highly durable and resistance to abrasion
- Ease of application
- Non flammable
- Fast setting and minimize traffic disruptions.

PACKAGING

- Packed in 25kgs polypropylene woven bags.
- Shelf life is one year from the date of manufacture with proper storage.
- Proper storage includes inside or covered to prevent from moisture.
- Outside storage for short interval is acceptable provided the material is kept dry

APPLICATION

- Application temperature between 170 – 200°C
- Method either by screed or extrusion
- Surface to be clean and dry.
- On concrete, a suitable primer must be used.

PHYSICAL PROPERTIES

Form:	Thermoplastic Powder
Colour:	Various
Specific Gravity:	2.0kg / litre
% Binder:	18% minimum
% Glass Beads:	20% minimum
% Aggregate, Pigment, Extenders And Glass Beads	78% - 82%
Softening point:	98°C – 112°C
White Reflectance (Y Value)	75 minimum
Yellow Reflectance (Y Value)	45 minimum
Drying time on pavement @ 50°C	< 10 minutes
Coverage @ 2.0mm thick	4.0 kg / sq.m
@ 3.0mm thick	6.0 kg / sq.m
@ 5.0mm thick	10.0 kg / sq.m

SAFETY PRECAUTIONS

- Always use the correct protective equipment during heating and application
- Ensure good ventilation during these process
- Avoid skin and body contact at all cost when heated- seek immediate medical attention
- Take care to avoid contact with eyes
- Harmful if swallowed. Do not induce vomiting. Seek medical attention

Disclaimer

All products should be used in accordance with the manufacturer's instructions. No responsibility can be taken by the manufacturer where conditions of use are beyond our control. Materials are sold only on the basis of conforming to specification, but without warranty expressed or implied in law or in fact of merchantability or fitness for a particular purpose and upon the condition that purchasers make their own tests to determine the suitability of such products for their particular purpose.

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