

Technical Information

StreetLine OPE Traffic Paint - White

1. DESCRIPTION

A highly durable good quality fast drying traffic paint based on a modified single pack epoxy resin system, containing a combination of resistant colour, extender and aggregate pigments.

2. MATERIAL CHARACTERISTICS

Pigment: Titanium Dioxide content > 9% by weight in the dry film of the paint.

Vehicle: Modified air-drying single pack epoxy content > 15% of binder by weight in the dry film of the paint.

Specific Gravity: 1.52 +/- 0.02 kilos/litre

Percentage volume solids: 50%+/-2%

Total non-volatile content: > 70% +/-2%

Viscosity: 76-80 kreb units at 25deg.C

3. PERFORMANCE CHARACTERISTICS

Condition in the container

The paint on receipt in freshly opened full containers shall be free from skinning, and any pigment settlement shall be soft such that it can be readily re-dispersed by manual stirring.

Storage stability

In unopened containers the material should comply with "Condition in the container" above after 12 months storage at 25deg.C.

Application properties

The material should be suitable for application through conventional paint spray machinery without the addition of thinners. The paint should atomise well and at a wet film thickness of 300 microns, provide a dried film of low sheen.

Drying (to no pick up)

When tested to BS.6044, Appendix D, the paint shall dry in not more than 15 minutes at 23deg.C.

Rate of application

At a wet film thickness of 300 microns, the material should be suitable for the application of approximately 120 lineal metres at 100mm wide per 5 litres of paint.

Covering capacity

Approximately 1.7 sqm. per litre at 300 microns wet film thickness.

Luminance

When tested by the method described in Bs.6044, Section C.3.1, luminance shall not be lower than 85%.