



SOLVENT PAINT

Hi-Brite solvent paint is a specially formulated road marking product that is engineered for optimum performance, it is certified by APAS. All Hi Brite Road Marking Paints are manufactured in Australian facilities that have NATA Laboratory Accreditation (ISO17025), are fully certified APAS RMU's and possess the ISO 9001:2000 Quality Management Accreditation. Every litre of paint is made to our precise formulation from the highest quality raw materials, which include the Dow FASTRACK resin system. Every batch is QC tested and retained samples are kept for up to 5-years.

All Hi-Brite Solvent road marking paints are formulated and supplied ready for application to bituminous and concrete surfaces. The engineered formulation of the Hi-Brite solvent paint makes it an ideal choice for use in colder climatic conditions with the benefits of high impact, durable and fast drying properties which maximises bead retention and minimises traffic disruption post application

Key Facts

- APAS Certified
- Excellent cold weather application properties
- Excellent atomisation and application characteristics
- Quick dry time
- Good UV resistance
- Mark and dirt resistant
- Durable, abrasion resistant finish
- Flexibility to withstand road expansion
- High performance ability to hold large beads for enhanced retroreflectivity

Paint Properties

- | | |
|--------------------|---------------------------------|
| • Density | 1.60 |
| • Volume Solids | 50% |
| • Weight Solids | 72% |
| • VOC Content | 26% |
| • Approx. Coverage | 1.8sqm/L at 250um dry thickness |
| • Approx. Coverage | 2.9sqm/Lat 150um dry thickness |

Available Sizes

- 15 Litre Plastic Pales
- 200 Litre Steel Drums
- 500 Litre IBC
- 1000 Litre IBC

Surface Preparation

Prior to application the surface should be free of any oil, dirt, grease, loose surface material or other foreign matter and dry. If the surface has previously been coated or treated then a marking test should be carried out to check and establish if further surface preparation is required.

Hi-Brite Solvent Preparation

The Hi-Brite solvent paint collection is supplied ready to use through atomised or airless spraying systems. The product requires no thinning prior to use and is not recommended.

Film Thickness and Glass Bead Application

Achieving the desired dry film thickness of the paint is critical in relation to adhesion of the bead type to be applied. Achieving the right thickness will maximise bead retention and promote the wearing properties of the product.

- Applying a wet film thickness of 400 um is the optimum from a retention and retroreflectivity perspective for use with a Type B or BHR glass bead (AS2009) when applied at 300g per square meter. The delivered dry thickness will be approx. 65% wet film thickness at 250um.
- Applying a wet film thickness of 600 um is the optimum from a retention and retroreflectivity perspective for use with Type D or DHR glass beads ranging from 0.8 - 1.2mm) when applied at 400g per square meter. The delivered dry thickness will be approx. 65% wet film thickness at 375um.

To achieve optimum retention, bead application should occur prior to skinning of the paint as it dries. Protecting the marking from any traffic type until dry will deliver the best results for a durability, bead retention and retroreflectivity.

Slip and Skid Resistance

To mitigate the potential for skid and slip accidents, markings other than those which are longitudinal (transverse) should be treated with an anti-slip aggregate. To achieve the required anti-slip or SRT rating, apply a mixture of 300g drop on beads and 200g of a suitable aggregate (0.4-0.8mm) per square meter of transverse markings. To ensure optimum results the mixture should be evenly applied and prior to skinning of the paint as it dries.

Dry Time and Application Conditions

The specific marking dry time will be dependent upon the thickness of the paint applied and the ambient weather condition at the time of application. If the humidity increases or the temperature drops or the wind speed drops then the dry time of the paint will increase.

Clean Up

Gunwash or similar solvent paint cleaner is the optimum solution for cleaning up after Solvent paint application. Flush all equipment lines with cleaner until it runs completely clear, don't let any residual paint dry in the lines.

Storage and Transport

Hi-Brite Solvent paint is classified as dangerous goods by the Australian code for the transport of dangerous goods (ADG Code 3). The product should be stored undercover and out of direct sunlight, stock should be used on a first in first out basis

Support and Service

At RRSP, we look to offer our customers the right road and pavement system solution through a combination of fast service, reliable inventories, knowledgeable people, personalized attention, and competitive pricing which is perceived by our customers to be the best value available. Have a question on this product or any other we offer give us a call

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